

 **COOPER** Crouse-Hinds





Production premise of Cooper Crouse-Hinds GmbH, location Eberbach, Germany



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Apparatus used in hazardous areas must be supplied with electrical energy in such a way that the ambient atmosphere cannot be ignited under any circumstances.

This requirement is fulfilled by all proven ex-connection and distribution systems according to the relevant standards. The problem arises when the connected apparatus needs to be replaced, repaired or serviced.

In such a case, elaborate preparations, such as **safe isolation of the electrical connection, disconnection or prevention of the explosive atmosphere** by **maintenance measures**, are usually necessary. These preparations generally require **a hot work permit**.

Such measures are necessary, since the explosion protection of the connection is no longer effective during the disconnection of the apparatus, thus posing a potential hazard. The consistent use of explosion-protected plug-and-socket connections, which can be connected or disconnected during system operation, provides an elegant solution not only to these problems.

Besides the considerably improved work protection, this means a great saving in time which can be decisive during running operations.

Thanks to the **eXLink**, the new generation of miniaturized Ex-plugs and sockets, the electrical connection of luminaires, trace heating systems, balances, actuators, sensors, etc. or even three-phase electric motors with winding monitoring (PT 100) or servo signals for controlling the revolutions with a current consumption of up to **16 A** is really easy, simply plug-and-play.

Thus, these devices can be connected and disconnected at all times without safe isolation and additional measures, even in hazardous areas.





### The situation

Just imagine that all your electrical household devices, television, toaster, iron, etc., have been permanently wired via a junction box –If you wanted to make any changes, you would have to call in an electrician to rewire the connections of the devices. No doubt you would consider this troublesome and impractical – but today it is still common practice in industry to use terminal boxes for the electrical connection of field devices in hazardous areas. Such connections are, of course, safe but the extreme disadvantages of this connection method soon become apparent when carrying out repairs or maintenance work, as the following time and cost-intensive tasks have to be carried out when replacing apparatus in hazardous areas:

- disconnect feed lines
- open enclosure
- disconnect conductors at terminals
- loosen screws
- pull out cable
- connect new apparatus in reverse order and switch on



### Connectors

Until recently, the operators of explosion-protected installations could only partially (if at all) enjoy the benefits of using connectors in electrical installations, as until then the available standard plugs and sockets with Ex-approvals were often too large and/or uneconomical. Now Cooper Crouse-Hinds has developed a system of compact connectors that not only overcomes these technical limitations, but also remains cost-effective.



### The solution

Thanks to the new generation of miniaturized **eXLink** plugs and sockets from Cooper Crouse-Hinds, the electrical connection of luminaires, trace heating systems, balances, actuators, sensors, etc. or even three-phase electric motors with monitoring of the windings (PT 100) or servo signals for controlling the revolutions with a current consumption of up to 16 A is really easy, simply plug and play.

These devices can be connected and disconnected at all times without additional measures, even in hazardous areas. The particularly compact dimensions of the enclosures of these connectors makes it possible to install them in all standard field devices and connection boxes. The Cooper Crouse-Hinds **eXLink** system not only provides the user with a simple and flexible connector system, but also with **the decisive advantage:**

- **hot swapping of apparatus in hazardous areas without disconnecting terminals, without shutting down circuits and without a “hot work permit”!**





### Your costs

#### eXLink - the cost brake

Practical applications illustrate this: In the course of operating processes, positioners with abrasive wear are subject to frequent maintenance, cleaning and replacement cycles; pH sensors have clearly defined preventive maintenance cycles for the replacement of electrodes and the recalibration of the apparatus. The more frequently apparatus has to be taken out of the production process, the longer the shut-down times of the respective installation and the sooner the use of **eXLink** connectors makes itself paid. However, the downtimes of an installation are only one aspect. The connection and disconnection of electrical apparatus connected in the conventional manner using terminals always involves a considerable amount of work and expense. In the case of non-intrinsically safe circuits, it can be necessary to shut down the respective production areas and a potentially explosive atmosphere has to be safely prevented ("hot work permit"). Then an electrician has to isolate the respective circuit and safeguard it against being switched on again. Now, at last, he can open the terminal compartment and disconnect the apparatus. After the fitter has disassembled, serviced and reassembled the apparatus, the electrician then has to reconnect it, test it and switch it on again – time-consuming and cost-intensive measures!



### Your safety

#### eXLink - for extra safety

When opening the terminal compartment of electrical apparatus, there is always the risk of contaminating the connection points or the possibility of confusing the connections when connecting the conductors to the terminals because, for example, due to contamination, the colours of the wires can no

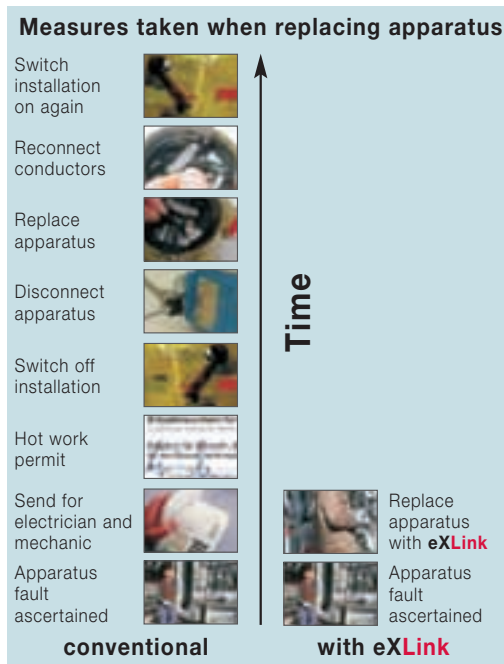


### Your time

#### eXLink - more time for basics

The systematic use of explosion-protected plugs and sockets for the connection of electrical apparatus in hazardous areas increases the working and operational safety and reduces costs on a long-term basis. It makes it possible to isolate all poles of the apparatus connected visibly from the mains supply for repair and maintenance work in no time, even during the operation of a highly complex chemical plant, and to replace them with apparatus of the same type. This allows you, the operator of the installation, to concentrate on the essential aspects of your work: the manufacture of high quality products using highly complex and efficient process technologies.

The systematic integration of **eXLink** connections in the production flow minimizes downtimes while, at the same time, it increases the working and planning reliability, thus creating an enormous savings potential – an investment that really pays!

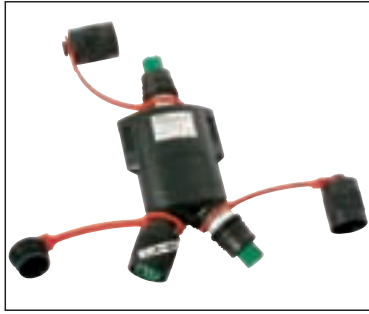


longer be clearly identified. Here connection with **eXLink** guarantees the full integrity of the apparatus. The maintenance will be done in the Shop, not on site. Simply plug and play, as all the contacts are connected correctly – no confusion of wires, no contamination of the connection points, no opening of the terminal compartment! By the way: intrinsically safe circuits with terminals also require disconnection at the terminals by a qualified electrician, which involves the same amount of work as permanently wired Ex-e circuits. Similarly, the integrity of the apparatus is not guaranteed here. The only difference being that it is not necessary to obtain a "hot work permit" or isolate the circuit.

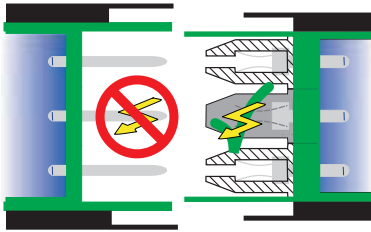
All advantages at a glance:

- A drastic reduction in installation times and, as a result, cost savings at the installation stage and maintenance
- Enhanced operational reliability
- No damage resulting from the incorrect connection of apparatus
- Minimization of down times
- Enhanced installation availability

## What is eXLink?



### What is eXLink?



**eXLink** is a complete system for connecting and disconnecting product electrically. This system is available in different versions for different applications: 4-pole, 4-pole + PE and 6-pole + PE.

Here it is necessary to distinguish between active components (couplers/receptacles) that, due to the design of the live parts (contact sockets in IP 30), can also be live when open, and passive components (plugs/inlets) that, due to the exposed plug pins, must not be live.

### A solution for every environment

Depending upon the field of application, the components of the **eXLink connector system** are available in different versions:



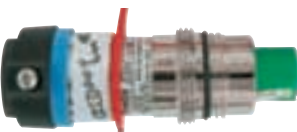
- **Moulded plastic**

The material used here is a heavy-duty, impact resistant polyamide that, even in the event of extreme fluctuations in temperature, retains its high material properties.



- **Nickel-plated brass**

The use of this material has proved very successful for inlets and receptacles in flameproof apparatus. Thanks to its insensitivity to severe ambient conditions, it is particularly well suited for use in atmospheres with a particularly high content of harmful substances.



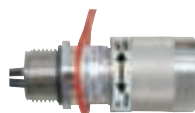
- **AISI 316L stainless steel**

This material is used if aggressive environmental influences, such as salt water, acids, alkalis, place particularly high demands on the corrosion resistance and mechanical stress of a component. Stainless steel receptacles and inlets are also used for the connection of flameproof apparatus.



- **Option for the connection of armoured cables:**

In order to be able to provide a solution for the connection of armoured, braided or screened cables, we have developed a metal version with a universal armouring clamp. This allows the use of many commonly used armoured cables. An external strain relief provides protection against strong external forces. This solution is available in nickel-plated brass and stainless steel for plugs and couplers.



- **Threads:**

The 4-pole and 4-pole + PE inlets and receptacles feature an integral M20 or NPT 1/2" thread. The 6-pole + PE inlets and receptacles have an integral M25 or NPT 3/4" thread.



### Components

Different applications need individual solutions, who can be reached by the combination of different, well-suited components.

- **Plug:**



Suitable as a cable end – with plug pins (male), must not be live when disconnected (**passive component**).

- **Connector:**



Suitable as a cable end – with contact sockets (female), can be live when disconnected (**active component**).

- **Receptacle:**



Suitable for installation in products – with contact sockets (female), can be live when disconnect (**active component**).

- **Inlet:**



Suitable for installation in products – with plug pins (male), must not be live when disconnected (**passive component**).

- **Y-adaptor Junction-box:**



Suitable for connecting field devices to a data line – two cable entries and optional one **eXLink** receptacle with contact sockets (**active component**) or inlet with plug pins (**passive component**).

- **Y-adaptor Junction-unit:**



Suitable for connecting field devices to a data line – 3 **eXLink**, optional receptacle with contact sockets (**active component**) or inlet with plug pins (**passive component**).

- **Elbow:**

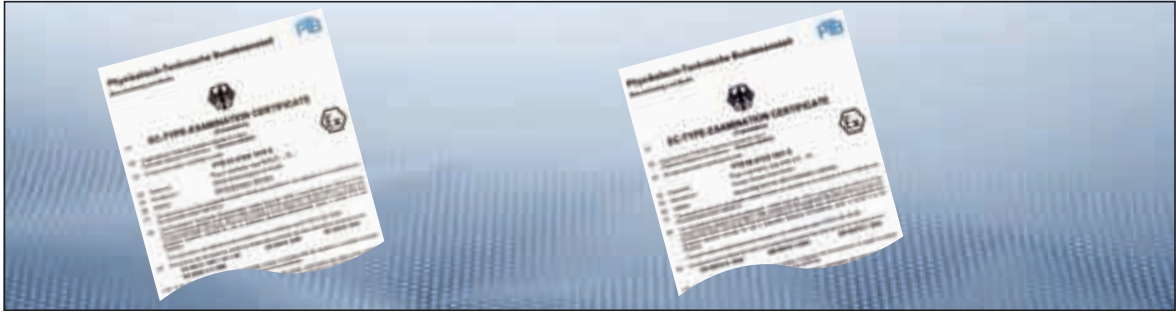


90° elbow to facilitate installation of an inlet or a receptacle into a device when it is not possible to lay the cables in a straight line. The direction of the elbow can be aligned later on.

- **Locking device:**



A two-part system which, when **eXLink** is installed on the connector/inlet, plug/receptacle or connector/plug, allows a padlock to be attached to prevent **eXLink** from being disconnected by unauthorised persons.




**Certified retrofitting**

Simply by replacing the existing cable entries with receptacles or inlets, terminating the conductors within the enclosure a field device can be upgraded to take advantage of the many benefits of the **eXLink** whilst maintaining Ex-certification.



**Approval**

The **eXLink** system 4+1 and 6+1 is  II G EEx de IIC T6 approved, the basic construction being an Ex-d chamber in which Ex-e multi-contact pins are enclosed and mated, within an Ex-e housing. As the approval is an equipment or apparatus approval no further certification is required prior to the systems use with any suitably approved Ex-equipment. The **eXLink** 4+1 system is also approved for hazardous dust applications. There with an easy way results to replace existing cable glands by **eXLink**. In the standard version receptacles and inlets of the **eXLink** 4+1 system have a thread M20 x 1.5 / 1/2" NPT. The receptacles and inlets of the **eXLink** 6+1 system have a thread M20 x 1.5 / 3/4" NPT. Larger threads can be realized by reducing rings in plastic or metal .

**• Ex-e cable glands**

Receptacles or inlets in plastic or metal version can be used to replace Ex-e cable glands. The receptive housing should have the type of protection EEx-e.



**• Ex-d cable glands with metric thread M20/M25**

Receptacles or inlets in metal version with metric thread can be used to replace direct and mediate Ex-d cable glands. This receptacles and inlets are prewired with numeric marked connection wires.



**• Ex-d cable glands with NPT thread 1/2"/3/4"**

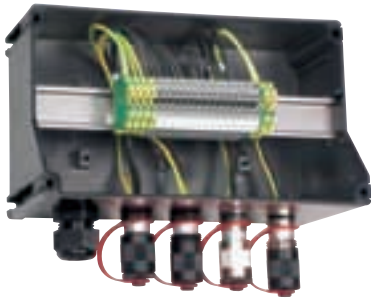
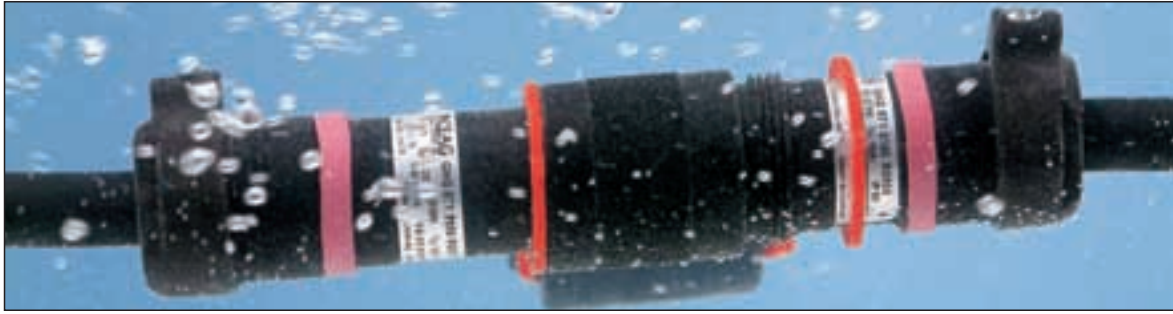
Receptacles or inlets in metal version with NPT thread can be used to replace direct and mediate Ex-d cable glands. This receptacles and inlets are prewired with numeric marked connection wires. The metallic thread of the **eXLink** generates the EEx-d gap who is necessary for the type of protection EEx-d.

**Ex-d housing >2 litres**

If the volume of the housing is more than 2000 cm³ (2 litres), the metal inlet type GHG 57X6... has to be used. The metal receptacle can be used without limit of the volume.







### IP Protection

The system ensures IP degree of protection IP 66 and IP 68 (water up to 2 m in depth for at least 30 min.). With this very high degree of protection against dust and water, almost all applications can be performed for a long time.

### Transient response at higher frequencies (e.g. eXLink 4+1)

The frequency range and transient response are particularly important when working with sensors and actuators, independent measurements performed by a renowned measurement laboratory have assessed the use of the eXLink up to 100 MHz and transfer rates of up to 100 Mbaud in accordance with the requirements of TIA/EIA-568-B.2 Category 5e as free of concern. These measurements fell significantly short of the limiting curves on a number of occasions. The eXLink system can be used in **Fast Ethernet®** or **Ethernet®** networks.

### High-performance contact making

Due to its high load-carrying capacity, the eXLink range of connectors has many advantages, even for the supply of field devices with a relatively high power consumption. This means that apparatus with a current consumption of up to 10 A AC (250 V) and 2.5 A DC (60 V) can be supplied with power using the 3 and 4-pole version, whereby, in accordance with EN 60947-4, the switching capacity is AC-3 1 A (250 V) and DC-3 0.5 A (60 V). The 6+1-pole version can supply apparatus with power at max. 400 V AC via three conductors up to max. 16 A, whereby hot swapping – disconnection and connection under load – up to max. 10 A (acc. EN 60079-0) is permissible!

### Individual customer solutions

The eXLink versions listed in the order section offer a comprehensive range of solutions for almost all tasks. If you ever have a special task – such as a non-listed coding or a fully connected cable – entrust this task to us.

### Together we will find a solution.

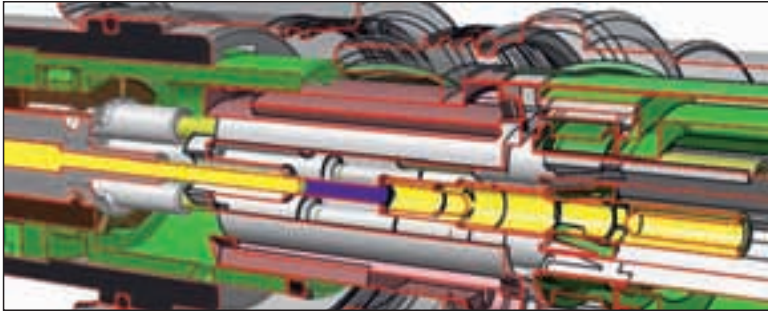


### Pre-wired apparatus

In addition to the universally eXLink connectors with crimp or cage-clamp connection terminals, we also supply apparatus with pre-wired connection leads. Here we can offer a customized solution with individual cable types and lengths for almost any application. We manufacture all solutions according to your requirements and test them in our laboratories. This means that you, the user, are always on the safe side. The same also applies if you need additional components, e.g. fully assembled terminal boxes with specially coded inlets or receptacles. We also offer solutions here, from project planning to the fully wired terminal box. Just ask us – we will work out for you suitable solutions.



Advanced technology with eXLink available by now



**Function**

The self-cleaning Ex-e multi-contact conducting pins provide permanent faultless electrical connection. To ensure that the contact system remains fully functional even during long-term use in aggressive environments all conducting pins are silver-plated. The quality of the connection means that the system is suitable for current in the mA range up to 16 A continuously.

**Coding**

Male and female connectors are coded using the IEC 309 system where voltage and current types have their own „time of day“ to ensure that the correct connection is made.

**3-/4-pole:**

- 2 h Bus connections
- 4 h 110 V AC 2-pole + PE
- 5 h 24 V AC 4-pole + PE
- 6 h 230 V AC 2-pole + PE
- 8 h 24 V DC 4-pole
- 10 h 230 V AC 4-pole + PE
- 12 h 24 V AC 2-pole + PE

**6+1-pole:**

- 4 h 110 V AC 6-pole + PE
- 6 h 230 V AC 6-pole + PE
- 8 h 24 V DC 7-pole
- 10 h 400 V AC 6-pole + PE
- 12 h 24 V AC 6-pole + PE

However, individual combinations can also be coded if required by customers. The time code can be read on the connector. The location of PE/PA in relation to the keyway determines the name (e.g. 6 h = PE/PA bottom).

**Connection types**

The eXLink is available in two connection types:

**• Crimp connection**

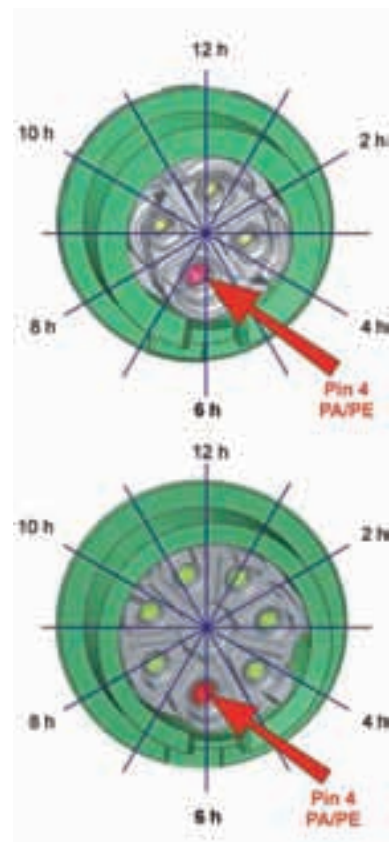
The conductors are crimped directly into the contact pins. The crimp connection is suitable for all cables from 0.75 to 1.5 mm<sup>2</sup> or in a second version up to 2.5 mm<sup>2</sup>. Cables from 0.34 mm<sup>2</sup> to 1.0 mm<sup>2</sup> or longer can be connected if they are soldered into the crimp pins.

**• Cage clamp terminal**

This solution allows conductors between 0.5 and 1.5 mm<sup>2</sup> in length to be installed as the conductors do not have to be crimped into the contact pins. All plugs and couplers up to and including the 4-pole version can be delivered with spring cage terminals.

**Extended ambient temperature range**

The system is approved for a standard ambient temperature range of -55 °C to +75 °C. The dynamic compression of the moulded plastic version is reduced from -55 °C up to -25 °C. The temperature range from +40 °C up to +75 °C determines the dimensioning current to max. 2 A (4+1) resp. 1 A (6+1).





### The suitable eXLink for your apparatus

When selecting the eXLink for your application, it is important to distinguish between active and passive apparatus.

The connections of active apparatus can also be live when the connector has been separated. Generally speaking, these are components and installations that are used as power supplies (junction boxes, feed lines to field devices, etc.). For this reason, the components being used here have to have the minimum degree of protection IP 30 in any operating state, thus also when the connector is open. This requirement is fulfilled by all eXLink components with contact sockets (female) (couplers/receptacles).

The connections of passive apparatus must not be live when connector is open. The apparatus in question are generally field devices without their own power supply (sensors/actuators). For this reason, these devices are used with eXLink components with plug pins (male) (plugs/inlets).

### What are the benefits of the specification of the eXLink for the manufacturer of Ex apparatus?

By incorporating eXLink connector systems into their apparatus OEM's

are able to increase the application possibilities of their products and, as a result, not only provide the operator with a significant cost saving but also ensure the integrity of their equipment throughout its service life.

### Enhanced integrity and reliability of apparatus

The apparatus can be sealed under factory conditions ensuring the overall integrity of the apparatus, including IP protection, as the apparatus does not have to be opened again to make the electrical connections. As the integrity of the apparatus is not adversely affected during installation, maintenance or repair-work, the reliability of the product is enhanced.

### No terminal compartment

If the eXLink is incorporated in the design phase, a terminal compartment that is accessible from the outside is no longer required. In new developments this can result in a considerable saving in both costs and apparatus volume.

### Increased reliability of cable glands

Special care has to be taken when fitting cable glands into apparatus. They also have to be inspected at regular intervals to ensure that they always fit

tightly and that the overall integrity of the apparatus is maintained. Using the eXLink enhances the reliability of the cable bushings as all components guarantee the high degree of protection IP 66/IP 68 on a permanent basis.

### Retrofitting

Retrofitting with an eXLink is advisable for apparatus that requires fast installation, and regular maintenance, calibration and repair work during the production process. Portable or semi-portable apparatus can be operated faster and more safely with the eXLink system. In the case of installations in remote geographical regions where the available skill levels of field technicians cannot always be guaranteed, the possibility of supervising their work in a controlled environment (workshop) will increase the safety of the installation. A number of operators are conducting extensive installations that show that the eXLink reduces operational cost and provides technical benefits.



**One system for all applications**

Plugs, couplers, receptacles, inlets and Y-adapters made of moulded plastic, stainless steel and nickel-plated brass 3/4 and 7-pole versions provide you with an optimum solution for almost any application, such as:

**Plug-in connection for a vessel luminaire**

Due to strong vibrations and high temperatures, on average the illuminant in a flanged-on vessel luminaire has to be replaced every two months. Until now this meant that the flameproof luminaire had to be de-energized and disconnected at the terminals before opening the enclosure. Here there is always a risk of contamination of the junction box and of mixing up the wires when reconnecting them. Using a 3-pole metal eXLink now makes it possible to isolate the luminaire from the mains by simply unplugging the coupler. The technician can then replace the faulty luminaire with an exchange model and an electrician can repair the faulty luminaire later in the workshop.

**Flexible use of portable pumps**

The eXLink also makes it possible to supply power to portable apparatus where required and to transmit control signals at the same time. Thus, for example, pumps for filling intermediate bulk containers (IBC) can be connected using an eXLink, whereby not only the 3 phases, N and PE, but also the cold conductor for the overheating protection are contacted using just one connector. This makes handling such a pump considerably easier, as it is connected by just one cable.

**Plug-in motor connection with termistor monitoring in hazardous areas**

Explosion-protected wall sockets should be used to connect large motors in the hazardous area. The necessary termistor cable is created using eXLink receptacles, which can be laid separately from the power cable, and an eXLink plug. This allows the operator to separate the power and control circuit safely when performing maintenance work on a wall socket. There is no need for a time-consuming electrical de-installation/installation. The control circuit can also be created as an intrinsically safe circuit.

**Explosion-protected industrial vacuum cleaners**

An extremely flexible power supply is needed for apparatus that is used at constantly changing sites. Until now it was only possible to supply power to industrial vacuum cleaners using large, conventional plugs and sockets. Using the eXLink meant that it was possible to reduce the costs for this application substantially and, thanks to the compact dimensions of the eXLink, make it more user-friendly.





### Heating circuits in filling systems

A filling system manufacturer controls heating circuits in the filling system by means of **eXLink**. These heating circuits warm the filling hoses in order to keep the product at temperature during the filling process. Operation shutdowns caused by heating failures and the damage incurred by this can be avoided by simply replacing the heating circuits.

### Valve control units

A major manufacturer of valve drives has come up with an inexpensive solution for servicing and repairing valve control units by installing **eXLink**. When servicing the valves, the user can therefore not only save valuable time but also the costs of connecting/disconnecting the electrical supply.

### Servicing gates and locks

A manufacturer produces gates and locks for the chemical industry. In the past, an electrician always had to be present when they were being installed and serviced. Through the use of **eXLink**, all necessary work can now be performed by the fitter, who is already on site, thus allowing huge savings. The manpower and time saved mean that **eXLink** will have paid for itself within a short time.

### Sensors in hazardous areas

Sensors in hazardous areas also have to be cleaned, serviced and recalibrated at regular intervals. The use of **eXLink** means that the sensor can be taken out of the measuring circuit by simply unplugging the connector unit. Isolation and disconnection at the terminals are no longer necessary. The sensor can now be disassembled, cleaned, tested and reinstalled. In the

case of applications where time is a critical factor, a prepared replacement unit can also be used. The sensor is then reconnected to the measuring circuit by simply plugging it in. This method can mean a considerable time saving.

### Grounding indicators for filling tanks safely

Electrostatics plays a major role when filling tanks and containers in the hazardous areas. The tanks and containers must only be filled if a continuous earth connection is ensured. The various earthing clamps are quickly and safely connected to the grounding device using **eXLink** connections. An intrinsically safe distribution amplifier with an Ex-d encapsulated contactor does not activate the filling process until a continuous earth connection has been created, and disconnects the filling process immediately if the earth connection is bad or interrupted.

### Transportable drilling rigs with plug-in measuring circuits

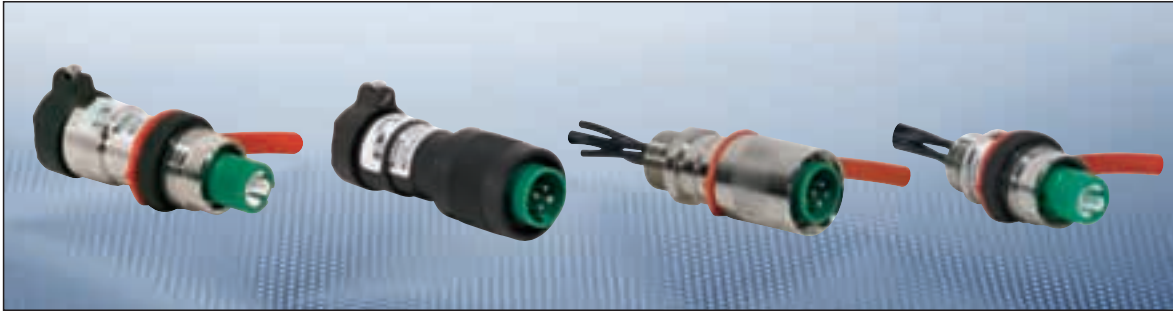
As the emission of potentially explosive liquids or gases always has to be expected when carrying out deep drilling operations, drilling rigs are usually explosion-protected. For this reason, the manufacturer of a transportable drilling rig for depths up to 2500 m has used plug-in **eXLink** connectors for all the sensors and measuring circuits. This means that when an assignment has been completed, all the parts can simply be dismantled and transported to the next site on 40 trucks.

### Mobile overflow controller with plug-in level gauges

At a large manufacturer of plastics mobile overflow controllers are used to monitor the filling of transportable

containers with combustible liquids. These flameproof units feature an indicator that is connected to the evaluation/signal unit by an **eXLink**. This means that the indicator can be separated easily from the basis unit for cleaning.





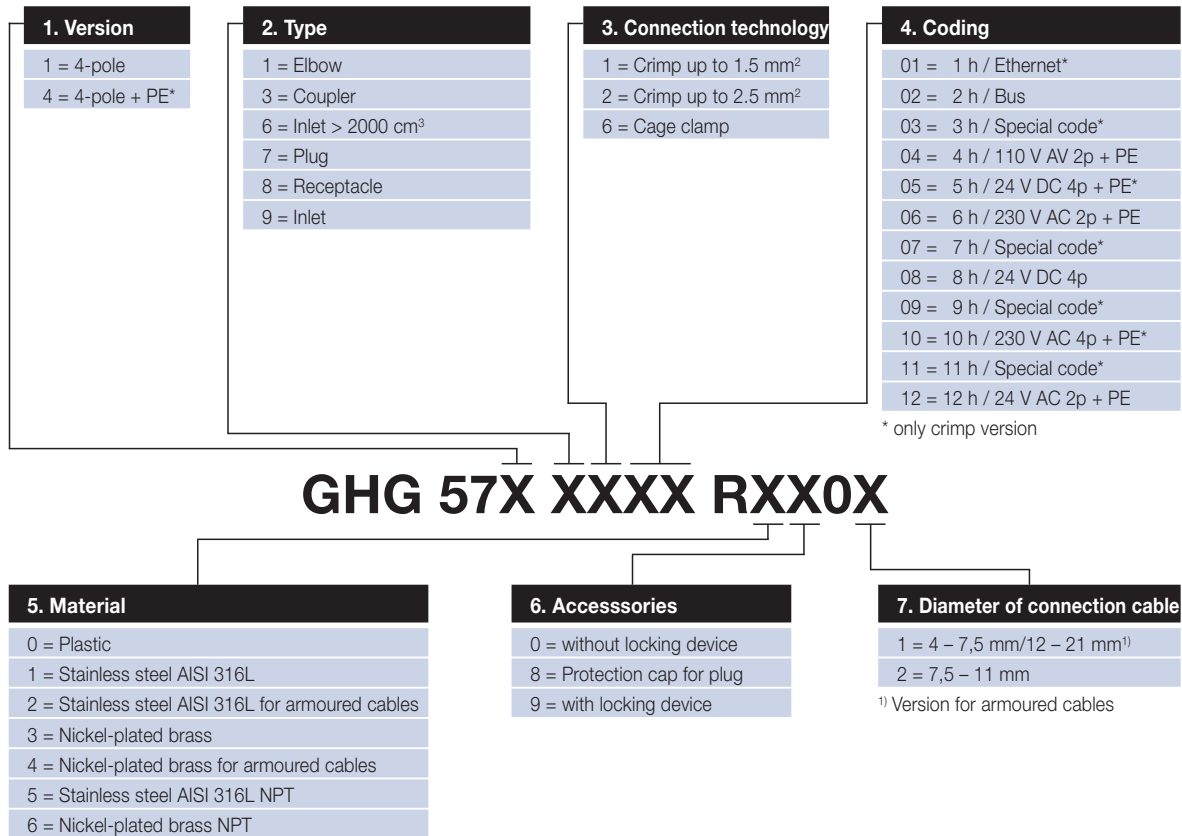
## Technical data

### eXLink 4-pole/ 4-pole + PE

Marking to 94/9/EC	Ⓔ II 2 G / Ⓔ II 2 D T52 °C	
Type of protection	EEx de IIC T6	
EC-Type Examination Certificate	PTB 03 ATEX 1016 X	
Rated voltage	AC up to 250 V, 50/60 Hz / DC up to 60 V	
Rated current	max. 10 A	
Switching capacity acc. EN 61 984 AC:	250 V / 10 A	
DC:	60 V / 2.5 A	
Switching capacity acc. EN 60 947-4 AC-3:	250 V / 1 A	
DC-3:	60 V / 0.5 A	
Back-up fuse max. without thermal protection	10 A	
Back-up fuse max. with thermal protection	20 A gL	
Insulation class acc. EN 60598	II: plastic / I: metal	
Frequency range	0-100 MHz, fast Ethernet compatible	
Transmission performance acc. to TIA/EIA-568-B.2	Category 5e up to 100 Mbaud	
Permissible ambient temperature	-55 °C up to +40 °C (Rated current 10 A)	
Extended temperature range	-55 °C up to +75 °C (Rated current 2 A)	
Elbow, plastic	-20 °C up to +40 °C	
Store temperature in original wrapping	-55 °C up to +80 °C	
Degree of protection EN 60529	IP 66/IP 68 with closed and locked protective caps or duly plugged and locked components	
Enclosure material		
Plug, coupler, inlet < 2000 cm³ and receptacle	Polyamide, nickel plate brass or stainless steel AISI 316L	
Inlet > 2000 cm³ and plug/coupler for armoured cables	Nickel plated brass or stainless steel AISI 316L	
Terminal cross section		
Plug, coupler	Crimp 1.5 mm²:	0.75 - 1.5 mm² / Solder: 0.34 - 1.0 mm²
	Crimp 2.5 mm²:	1.5 - 2.5 mm²
	Cage clamp <sup>1)</sup> :	0.5 - 1.0 mm² multi wire, 0.5 - 1.5 mm² single wire
Inlet, receptacle in plastic	Crimp 1.5 mm²:	0.75 - 1.5 mm² / Solder: 0.34 - 1.0 mm²
	Crimp 2.5 mm²:	1.5 - 2.5 mm² / 30 cm multi wire 1.5 mm²/2.5 mm²
Inlet, receptacle in metal	30 cm multi wire: 1.5 mm² / 2.5 mm²	
Cable entry plug and coupler	Ø 4 - 7.5 mm / Ø 7.5 - 11.5 mm	
Cable entry plug and coupler for armoured cables	external isol. Ø 12 - 21 mm / internal isol. Ø 8.5 - 16 mm / armouring 0 - 1.5 mm	
Cable entry inlet and receptacle	M20 x 1.5 / 1/2" NPT	

<sup>1)</sup> not for 4-pole + PE

**Ordering key eXLink 4-pole/4-pole + PE**



**Version for possible configurations**

	Plastic	Nickel-plated brass	Stainless steel	Crimp 1.5 mm <sup>2</sup>	Crimp 2.5 mm <sup>2</sup>	Solder	Cage clamp	15 cm multi wire 1.5 mm <sup>2</sup>	15 cm multi wire 2.5 mm <sup>2</sup>	30 cm multi wire 1.5 mm <sup>2</sup>	30 cm multi wire 2.5 mm <sup>2</sup>	xx cm multi wire <sup>2)</sup>	Cable entries Ø 4 - 7.5 mm	Cable entries Ø 7.5 - 11 mm	Cable entries Ø 12 - 21 mm	M20 x 1.5	1/2" NPT
Plug 4	x	x	x	x	x	x	x						x	x			
Plug 4+PE	x	x	x	x	x	x							x	x			
Coupler 4	x	x	x	x	x	x	x						x	x			
Coupler 4+PE	x	x	x	x	x	x							x	x			
Stecker for armoured cables 4		x	x	x	x	x	x								x		
Stecker for armoured cables 4+PE		x	x	x	x	x									x		
Coupler for armoured cables 4		x	x	x	x	x	x								x		
Coupler for armoured cables 4+PE		x	x	x	x	x									x		
Inlet for EEx e enclosure	x	x	x	x	x	x		x	x	x	x	x				x	x
Inlet for EEx d enclosure < 2000 cm <sup>3</sup>		x	x					x	x	x	x	x				x	x
Inlet for EEx d enclosure > 2000 cm <sup>3</sup>		x	x					x	x	x	x	x				x	x
Receptacle for EEx e enclosure	x	x	x	x	x	x		x	x	x	x	x				x	x
Receptacle for EEx d enclosure (no restriction on free volume)		x	x					x	x	x	x	x				x	x
Elbow for EEx e enclosure	x	x	x													x	x
Elbow for EEx d enclosure		x	x													x	x

<sup>2)</sup> on customers request



**Ordering key eXLink plug 4-pole**

# GHG 571 7XXX RXX0X

1. Connection technology	2. Coding	3. Material	4. Accessories	5. Diameter of connection cable
1 = Crimp up to 1.5 mm <sup>2</sup>	02 = 2 h	0 = Plastic	0 = without locking device	1 = 4 – 7.5 mm
2 = Crimp up to 2.5 mm <sup>2</sup>	04 = 4 h	1 = Stainless steel AISI 316L	8 = with protection cap	2 = 7.5 – 11 mm
6 = Cage-clamp	06 = 6 h	3 = Nickel-plated brass	9 = with locking device	
	08 = 8 h			
	12 = 12 h			

**Ordering details**

Voltage	No. of poles	Coding	Connection	Diameter of connection cable	
				4 – 7.5 mm Order No.	7.5 – 11 mm Order No.
<b>Plug made of plastic</b>					
BUS	3-pol + PA	2 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 571 7102 R0001</b>	<b>GHG 571 7102 R0002</b>
BUS	3-pol + PA	2 h	Cage clamp	<b>GHG 571 7602 R0001</b>	<b>GHG 571 7602 R0002</b>
110 V AC	2-pol + PE	4 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 571 7104 R0001</b>	<b>GHG 571 7104 R0002</b>
110 V AC	2-pol + PE	4 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 571 7204 R0001</b>	<b>GHG 571 7204 R0002</b>
110 V AC	2-pol + PE	4 h	Cage clamp	<b>GHG 571 7604 R0001</b>	<b>GHG 571 7604 R0002</b>
230 V AC	2-pol + PE	6 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 571 7106 R0001</b>	<b>GHG 571 7106 R0002</b>
230 V AC	2-pol + PE	6 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 571 7206 R0001</b>	<b>GHG 571 7206 R0002</b>
230 V AC	2-pol + PE	6 h	Cage clamp	<b>GHG 571 7606 R0001</b>	<b>GHG 571 7606 R0002</b>
24 V DC	4-pol	8 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 571 7108 R0001</b>	<b>GHG 571 7108 R0002</b>
24 V DC	4-pol	8 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 571 7208 R0001</b>	<b>GHG 571 7208 R0002</b>
<b>Plug made of nickel-plated brass</b>					
BUS	3-pol + PA	2 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 571 7102 R3001</b>	<b>GHG 571 7102 R3002</b>
BUS	3-pol + PA	2 h	Cage clamp	<b>GHG 571 7602 R3001</b>	<b>GHG 571 7602 R3002</b>
110 V AC	2-pol + PE	4 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 571 7104 R3001</b>	<b>GHG 571 7104 R3002</b>
110 V AC	2-pol + PE	4 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 571 7204 R3001</b>	<b>GHG 571 7204 R3002</b>
110 V AC	2-pol + PE	4 h	Cage clamp	<b>GHG 571 7604 R3001</b>	<b>GHG 571 7604 R3002</b>
230 V AC	2-pol + PE	6 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 571 7106 R3001</b>	<b>GHG 571 7106 R3002</b>
230 V AC	2-pol + PE	6 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 571 7206 R3001</b>	<b>GHG 571 7206 R3002</b>
230 V AC	2-pol + PE	6 h	Cage clamp	<b>GHG 571 7606 R3001</b>	<b>GHG 571 7606 R3002</b>
<b>Plug made of stainless steel</b>					
BUS	3-pol + PA	2 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 571 7102 R1001</b>	<b>GHG 571 7102 R1002</b>
BUS	3-pol + PA	2 h	Cage clamp	<b>GHG 571 7602 R1001</b>	<b>GHG 571 7602 R1002</b>
110 V AC	2-pol + PE	4 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 571 7104 R1001</b>	<b>GHG 571 7104 R1002</b>
110 V AC	2-pol + PE	4 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 571 7204 R1001</b>	<b>GHG 571 7204 R1002</b>
110 V AC	2-pol + PE	4 h	Cage clamp	<b>GHG 571 7604 R1001</b>	<b>GHG 571 7604 R1002</b>
230 V AC	2-pol + PE	6 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 571 7106 R1001</b>	<b>GHG 571 7106 R1002</b>
230 V AC	2-pol + PE	6 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 571 7206 R1001</b>	<b>GHG 571 7206 R1002</b>





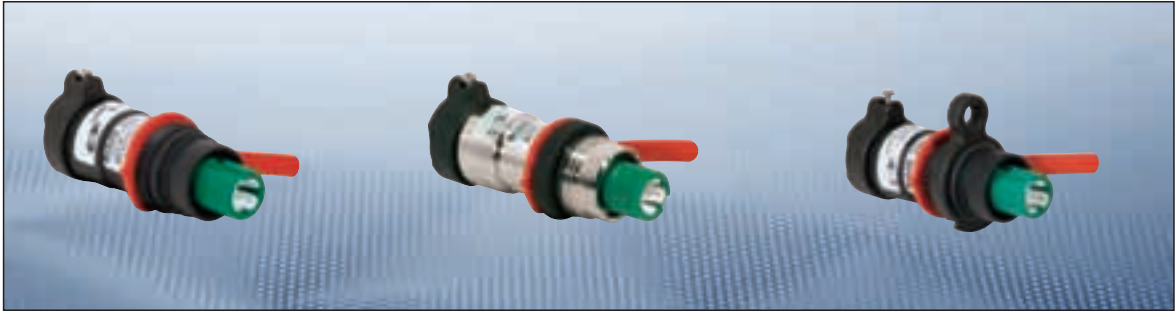
**Ordering key eXLink plug 4-pole + PE**

# GHG 574 7XXX RXX0X

1. Connection technology	2. Coding	3. Material	4. Accessories	5. Diameter of connection cable
1 = Crimp up to 1.5 mm <sup>2</sup>	01 = 1 h	0 = Plastic	0 = without locking device	1 = 4 – 7.5 mm
2 = Crimp up to 2.5 mm <sup>2</sup>	05 = 5 h	1 = Stainless steel AISI 316L	8 = with protection cap	2 = 7.5 – 11 mm
	10 = 10 h	3 = Nickel-plated brass	9 = with locking device	

**Ordering details**

Voltage	No. of poles	Coding	Connection	Diameter of connection cable	
				4 – 7,5 mm Order No.	7,5 – 11 mm Order No.
<b>Plung made of plastic version</b>					
Ethernet/Bus	4 pol + PA	1 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 574 7101 R0001</b>	<b>GHG 574 7101 R0002</b>
24 V DC	4 pol + PE	5 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 574 7105 R0001</b>	<b>GHG 574 7105 R0002</b>
24 V DC	4 pol + PE	5 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 574 7205 R0001</b>	<b>GHG 574 7205 R0002</b>
230 V AC	4 pol + PE	10 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 574 7110 R0001</b>	<b>GHG 574 7110 R0002</b>
230 V AC	4 pol + PE	10 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 574 7210 R0001</b>	<b>GHG 574 7210 R0002</b>
<b>Plug made of nickel-plated brass</b>					
Ethernet/Bus	4 pol + PA	1 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 574 7101 R3001</b>	<b>GHG 574 7101 R3002</b>
24 V DC	4 pol + PE	5 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 574 7105 R3001</b>	<b>GHG 574 7105 R3002</b>
24 V DC	4 pol + PE	5 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 574 7205 R3001</b>	<b>GHG 574 7205 R3002</b>
230 V AC	4 pol + PE	10 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 574 7110 R3001</b>	<b>GHG 574 7110 R3002</b>
230 V AC	4 pol + PE	10 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 574 7210 R3001</b>	<b>GHG 574 7210 R3002</b>
<b>Plug made of stainless steel</b>					
Ethernet/Bus	4 pol + PA	1 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 574 7101 R1001</b>	<b>GHG 574 7101 R1002</b>
24 V DC	4 pol + PE	5 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 574 7105 R1001</b>	<b>GHG 574 7105 R1002</b>
24 V DC	4 pol + PE	5 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 574 7205 R1001</b>	<b>GHG 574 7205 R1002</b>
230 V AC	4 pol + PE	10 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 574 7110 R1001</b>	<b>GHG 574 7110 R1002</b>
230 V AC	4 pol + PE	10 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 574 7210 R1001</b>	<b>GHG 574 7210 R1002</b>



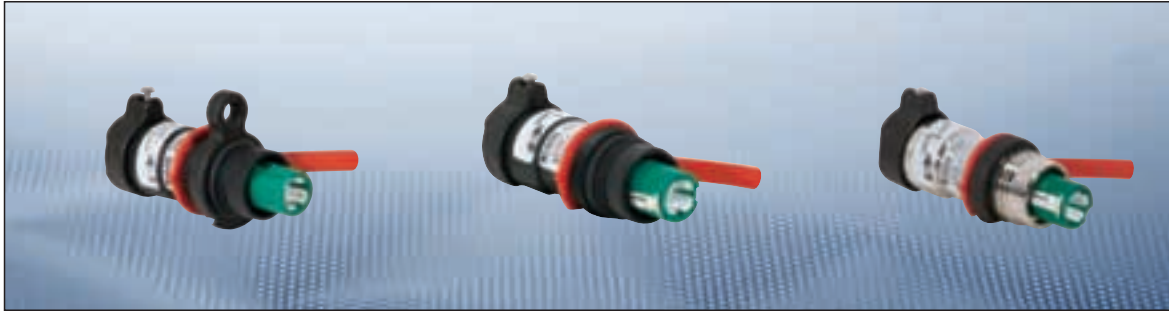
**Ordering key eXLink coupler 4-pole**

# GHG 571 3XXX RXX0X

1. Connection technology	2. Coding	3. Material	4. Accessories	5. Diameter of connection cable
1 = Crimp up to 1.5 mm <sup>2</sup>	02 = 2 h	0 = Plastic	0 = without locking device	1 = 4 – 7.5 mm
2 = Crimp up to 2.5 mm <sup>2</sup>	04 = 4 h	1 = Stainless steel AISI 316L	9 = with locking device	2 = 7.5 – 11 mm
6 = Cage-clamp	06 = 6 h	3 = Nickel-plated brass		
	08 = 8 h			
	12 = 12 h			

**Ordering details**

Voltage	No. of poles	Coding	Connection	Diameter of connection cable	
				4 – 7.5 mm Order No.	7.5 – 11 mm Order No.
<b>Coupler made of plastic</b>					
BUS	3-pol + PA	2 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 571 3102 R0001</b>	<b>GHG 571 3102 R0002</b>
BUS	3-pol + PA	2 h	Cage clamp	<b>GHG 571 3602 R0001</b>	<b>GHG 571 3602 R0002</b>
110 V AC	2-pol + PE	4 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 571 3104 R0001</b>	<b>GHG 571 3104 R0002</b>
110 V AC	2-pol + PE	4 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 571 3204 R0001</b>	<b>GHG 571 3204 R0002</b>
110 V AC	2-pol + PE	4 h	Cage clamp	<b>GHG 571 3604 R0001</b>	<b>GHG 571 3604 R0002</b>
230 V AC	2-pol + PE	6 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 571 3106 R0001</b>	<b>GHG 571 3106 R0002</b>
230 V AC	2-pol + PE	6 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 571 3206 R0001</b>	<b>GHG 571 3206 R0002</b>
230 V AC	2-pol + PE	6 h	Cage clamp	<b>GHG 571 3606 R0001</b>	<b>GHG 571 3606 R0002</b>
24 V DC	4-pol	8 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 571 3108 R0001</b>	<b>GHG 571 3108 R0002</b>
24 V DC	4-pol	8 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 571 3208 R0001</b>	<b>GHG 571 3208 R0002</b>
<b>Coupler made of nickel-plated brass</b>					
BUS	3-pol + PA	2 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 571 3102 R3001</b>	<b>GHG 571 3102 R3002</b>
BUS	3-pol + PA	2 h	Cage clamp	<b>GHG 571 3602 R3001</b>	<b>GHG 571 3602 R3002</b>
110 V AC	2-pol + PE	4 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 571 3104 R3001</b>	<b>GHG 571 3104 R3002</b>
110 V AC	2-pol + PE	4 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 571 3204 R3001</b>	<b>GHG 571 3204 R3002</b>
110 V AC	2-pol + PE	4 h	Cage clamp	<b>GHG 571 3604 R3001</b>	<b>GHG 571 3604 R3002</b>
230 V AC	2-pol + PE	6 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 571 3106 R3001</b>	<b>GHG 571 3106 R3002</b>
230 V AC	2-pol + PE	6 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 571 3206 R3001</b>	<b>GHG 571 3206 R3002</b>
230 V AC	2-pol + PE	6 h	Cage clamp	<b>GHG 571 3606 R3001</b>	<b>GHG 571 3606 R3002</b>
24 V DC	4-pol	8 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 571 3108 R3001</b>	<b>GHG 571 3108 R3002</b>
24 V DC	4-pol	8 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 571 3208 R3001</b>	<b>GHG 571 3208 R3002</b>
<b>Coupler made of stainless-steel</b>					
BUS	3-pol + PA	2 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 571 3102 R1001</b>	<b>GHG 571 3102 R1002</b>
BUS	3-pol + PA	2 h	Cage clamp	<b>GHG 571 3602 R1001</b>	<b>GHG 571 3602 R1002</b>
110 V AC	2-pol + PE	4 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 571 3104 R1001</b>	<b>GHG 571 3104 R1002</b>
110 V AC	2-pol + PE	4 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 571 3204 R1001</b>	<b>GHG 571 3204 R1002</b>
110 V AC	2-pol + PE	4 h	Cage clamp	<b>GHG 571 3604 R1001</b>	<b>GHG 571 3604 R1002</b>
230 V AC	2-pol + PE	6 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 571 3106 R1001</b>	<b>GHG 571 3106 R1002</b>
230 V AC	2-pol + PE	6 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 571 3206 R1001</b>	<b>GHG 571 3206 R1002</b>



**Ordering key eXLink coupler 4-pole + PE**

# GHG 574 3XXX RXX0X

1. Connection technology	2. Coding	3. Material	4. Accessories	5. Diameter of connection cable
1 = Crimp up to 1.5 mm <sup>2</sup>	01 = 1 h	0 = Plastic	0 = without locking device	1 = 4 – 7.5 mm
2 = Crimp up to 2.5 mm <sup>2</sup>	05 = 5 h	1 = Stainless steel AISI 316L	8 = with protection cap	2 = 7.5 – 11 mm
	10 = 10 h	3 = Nickel-plated brass	9 = with locking device	

**Ordering details**

Voltage	No. of poles	Coding	Connection	Diameter of connection cable	
				4 – 7.5 mm Order No.	7.5 – 11 mm Order No.
<b>Coupler made of plastic</b>					
Ethernet/Bus	4-pol + PA	1 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 574 3101 R0001</b>	<b>GHG 574 3101 R0002</b>
24 V DC	4-pol + PE	5 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 574 3105 R0001</b>	<b>GHG 574 3105 R0002</b>
24 V DC	4-pol + PE	5 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 574 3205 R0001</b>	<b>GHG 574 3205 R0002</b>
230 V AC	4-pol + PE	10 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 574 3110 R0001</b>	<b>GHG 574 3110 R0002</b>
230 V AC	4-pol + PE	10 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 574 3210 R0001</b>	<b>GHG 574 3210 R0002</b>
<b>Coupler made of nickel-plated brass</b>					
Ethernet/Bus	4-pol + PA	1 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 574 3101 R3001</b>	<b>GHG 574 3101 R3002</b>
24 V DC	4-pol + PE	5 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 574 3105 R3001</b>	<b>GHG 574 3105 R3002</b>
24 V DC	4-pol + PE	5 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 574 3205 R3001</b>	<b>GHG 574 3205 R3002</b>
230 V AC	4-pol + PE	10 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 574 3110 R3001</b>	<b>GHG 574 3110 R3002</b>
230 V AC	4-pol + PE	10 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 574 3210 R3001</b>	<b>GHG 574 3210 R3002</b>
<b>Coupler made of stainless steel</b>					
Ethernet/Bus	4-pol + PA	1 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 574 3101 R1001</b>	<b>GHG 574 3101 R1002</b>
24 V DC	4-pol + PE	5 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 574 3105 R1001</b>	<b>GHG 574 3105 R1002</b>
24 V DC	4-pol + PE	5 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 574 3205 R1001</b>	<b>GHG 574 3205 R1002</b>
230 V AC	4-pol + PE	10 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 574 3110 R1001</b>	<b>GHG 574 3110 R1002</b>
230 V AC	4-pol + PE	10 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 574 3210 R1001</b>	<b>GHG 574 3210 R1002</b>



## Ordering key eXLink receptacle 4-pole

Metal version also for Ex-d applications without restriction of volume

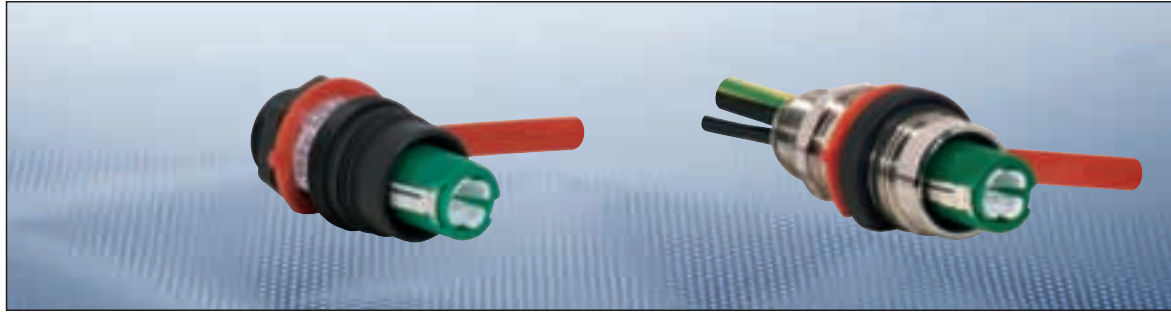
# GHG 571 8XXX RXX0X

X = Count No.

1. Connection technology	2. Coding	3. Material	4. Diameter of connection cable
1 = Crimp <sup>1)</sup> /30 cm multi wire up to 1.5 mm <sup>2</sup>	02 = 2 h	0 = Plastic	0 = without locking device
2 = Crimp <sup>1)</sup> /30 cm multi wire up to 2.5 mm <sup>2</sup>	04 = 4 h	1 = Stainless steel AISI 316L with M20 thread	9 = with locking device
<sup>1)</sup> only plastic version	06 = 6 h	3 = Nickel-plated brass with M20 thread	
	08 = 8 h	5 = Stainless steel AISI 316L with 1/2" NPT thread	
	12 = 12 h	6 = Nickel-plated brass with 1/2" NPT thread	

## Ordering details

Voltage	No. of poles	Coding	Connection	Thread	
				M20 x 1.5 Order No.	1/2" NPT Order No.
<b>Receptacle made of plastic</b>					
BUS	3-pol + PA	2 h	Crimp up to 1.5 mm <sup>2</sup>	GHG 571 8102 R0001	<b>Only available in metal version!</b>
110 V AC	2-pol + PE	4 h	Crimp up to 1.5 mm <sup>2</sup>	GHG 571 8104 R0001	
110 V AC	2-pol + PE	4 h	Crimp up to 2.5 mm <sup>2</sup>	GHG 571 8204 R0001	
230 V AC	2-pol + PE	6 h	Crimp up to 1.5 mm <sup>2</sup>	GHG 571 8106 R0001	
230 V AC	2-pol + PE	6 h	Crimp up to 2.5 mm <sup>2</sup>	GHG 571 8206 R0001	
24 V DC	4-pol	8 h	Crimp up to 1.5 mm <sup>2</sup>	GHG 571 8108 R0001	
24 V DC	4-pol	8 h	Crimp up to 2.5 mm <sup>2</sup>	GHG 571 8208 R0001	
24 V AC	2-pol + PE	12 h	Crimp up to 1.5 mm <sup>2</sup>	GHG 571 8112 R0001	
24 V AC	2-pol + PE	12 h	Crimp up to 2.5 mm <sup>2</sup>	GHG 571 8212 R0001	
BUS	3-pol + PA	2 h	30 cm multi wire 1.5 mm <sup>2</sup>	GHG 571 8102 R0002	
110 V AC	2-pol + PE	4 h	30 cm multi wire 1.5 mm <sup>2</sup>	GHG 571 8104 R0002	
110 V AC	2-pol + PE	4 h	30 cm multi wire 2.5 mm <sup>2</sup>	GHG 571 8204 R0002	
230 V AC	2-pol + PE	6 h	11 cm multi wire 1.5 mm <sup>2</sup>	GHG 571 8106 R0002	
230 V AC	2-pol + PE	6 h	30 cm multi wire 1.5 mm <sup>2</sup>	GHG 571 8106 R0003	
230 V AC	2-pol + PE	6 h	30 cm multi wire 2.5 mm <sup>2</sup>	GHG 571 8206 R0002	
24 V DC	4-pol	8 h	30 cm multi wire 1.5 mm <sup>2</sup>	GHG 571 8108 R0002	
24 V DC	4-pol	8 h	30 cm multi wire 2.5 mm <sup>2</sup>	GHG 571 8208 R0002	
24 V AC	2-pol + PE	12 h	30 cm multi wire 1.5 mm <sup>2</sup>	GHG 571 8112 R0002	
24 V AC	2-pol + PE	12 h	30 cm multi wire 2.5 mm <sup>2</sup>	GHG 571 8212 R0002	
<b>Receptacle made of nickel-plated brass</b>					
BUS	3-pol + PA	2 h	30 cm multi wire 1.5 mm <sup>2</sup>	GHG 571 8102 R3001	GHG 571 8102 R6001
110 V AC	2-pol + PE	4 h	30 cm multi wire 1.5 mm <sup>2</sup>	GHG 571 8104 R3001	GHG 571 8104 R6001
110 V AC	2-pol + PE	4 h	30 cm multi wire 2.5 mm <sup>2</sup>	GHG 571 8204 R3001	GHG 571 8204 R6001
230 V AC	2-pol + PE	6 h	30 cm multi wire 1.5 mm <sup>2</sup>	GHG 571 8106 R3001	GHG 571 8106 R6001
<b>Receptacle made of stainless steel</b>					
BUS	3-pol + PA	2 h	30 cm multi wire 1.5 mm <sup>2</sup>	GHG 571 8102 R1001	GHG 571 8102 R5001
110 V AC	2-pol + PE	4 h	30 cm multi wire 1.5 mm <sup>2</sup>	GHG 571 8104 R1001	GHG 571 8104 R5001
110 V AC	2-pol + PE	4 h	30 cm multi wire 2.5 mm <sup>2</sup>	GHG 571 8204 R1001	GHG 571 8204 R5001



## Ordering key eXLink receptacle 4-pole + PE

Metal version also for Ex-d applications without restriction of volume

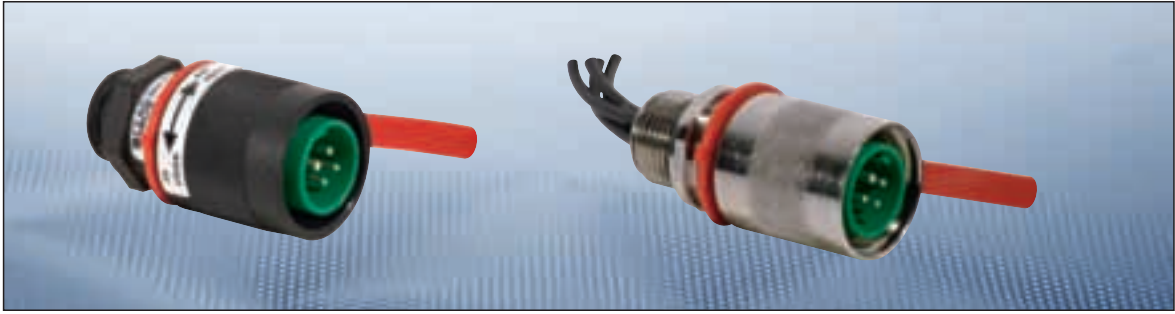
# GHG 574 8XXX RXX0X

X = Count No.

1. Connection technology	2. Coding	3. Material	4. Diameter of connection cable
1 = Crimp <sup>1)</sup> /30 cm multi wire up to 1.5 mm <sup>2</sup>	01 = 1 h	0 = Plastic	0 = without locking device
2 = Crimp <sup>1)</sup> /30 cm multi wire up to 2.5 mm <sup>2</sup>	05 = 5 h	1 = Stainless steel AISI 316L with M20 thread	9 = with locking device
<sup>1)</sup> only plastic version	10 = 10 h	3 = Nickel-plated brass with M20 thread	
		5 = Stainless steel AISI 316L with 1/2" NPT thread	
		6 = Nickel-plated brass with 1/2" NPT thread	

## Ordering details

Voltage	No. of poles	Coding	Connection	Thread	
				M20 x 1.5 Order No.	1/2" NPT Order No.
<b>Receptacle made of plastic</b>					
Ethernet/Bus	4-pol + PA	1 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 574 8101 R0001</b>	<b>Only available in metal version!</b>
24 V DC	4-pol + PE	5 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 574 8105 R0001</b>	
24 V DC	4-pol + PE	5 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 574 8205 R0001</b>	
230 V AC	4-pol + PE	10 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 574 8110 R0001</b>	
230 V AC	4-pol + PE	10 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 574 8210 R0001</b>	
Ethernet/Bus	4-pol + PA	1 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 574 8101 R0001</b>	<b>Only available in metal version!</b>
24 V DC	4-pol + PE	5 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 574 8105 R0002</b>	
24 V DC	4-pol + PE	5 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 574 8205 R0002</b>	
230 V AC	4-pol + PE	6 h	11 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 574 8106 R0002</b>	
230 V AC	4-pol + PE	10 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 574 8110 R0002</b>	
230 V AC	4-pol + PE	10 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 574 8210 R0002</b>	
<b>Receptacle made of nickel-plated brass</b>					
Ethernet/Bus	4-pol + PA	1 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 574 8101 R3001</b>	<b>GHG 574 8101 R6001</b>
24 V DC	4-pol + PE	5 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 574 8105 R3001</b>	<b>GHG 574 8105 R6001</b>
24 V DC	4-pol + PE	5 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 574 8205 R3001</b>	<b>GHG 574 8205 R6001</b>
230 V AC	4-pol + PE	10 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 574 8110 R3001</b>	<b>GHG 574 8110 R6001</b>
230 V AC	4-pol + PE	10 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 574 8210 R3001</b>	<b>GHG 574 8210 R6001</b>
<b>Receptacle made of stainless steel</b>					
Ethernet/Bus	4-pol + PA	1 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 574 8101 R1001</b>	<b>GHG 574 8101 R5001</b>
24 V DC	4-pol + PE	5 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 574 8105 R1001</b>	<b>GHG 574 8105 R5001</b>
24 V DC	4-pol + PE	5 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 574 8205 R1001</b>	<b>GHG 574 8205 R5001</b>
230 V AC	4-pol + PE	10 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 574 8110 R1001</b>	<b>GHG 574 8110 R5001</b>
230 V AC	4-pol + PE	10 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 574 8210 R1001</b>	<b>GHG 574 8210 R5001</b>



## Ordering key eXLink inlet 4-pole

Metal version also for EEx-d applications with free volume < 2000 cm<sup>3</sup>

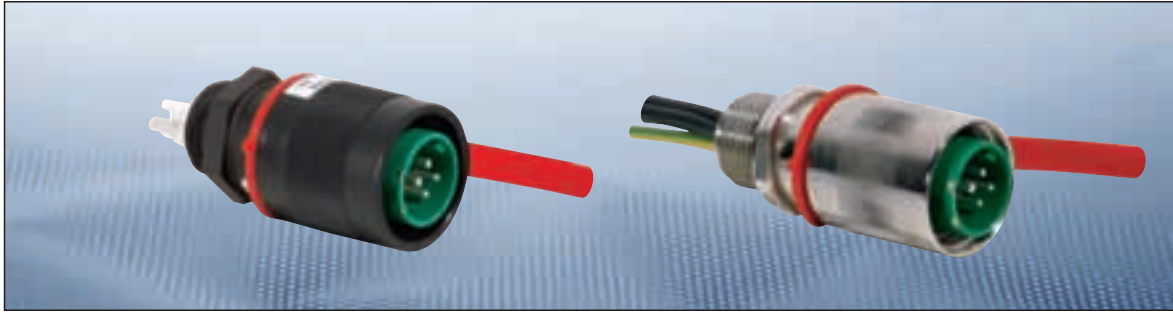
# GHG 571 9XXX RXX0X

X = Count No.

1. Connection technology	2. Coding	3. Material	4. Diameter of connection cable
1 = Crimp 1/30 cm multi wire up to 1.5 mm <sup>2</sup>	02 = 2 h	0 = Plastic	0 = without locking device
2 = Crimp 1/30 cm multi wire up to 2.5 mm <sup>2</sup>	04 = 4 h	1 = Stainless steel AISI 316L with M20 thread	9 = with locking device
<sup>1)</sup> only in plastic version	06 = 6 h	3 = Nickel-plated brass with M20 thread	
	08 = 8 h	5 = Stainless steel AISI 316L with 1/2" NPT thread	
	12 = 12 h	6 = Nickel-plated brass with 1/2" NPT thread	

## Ordering details

Voltage	No. of poles	Coding	Connection	Thread	
				M20 x 1.5 Order No.	1/2" NPT Order No.
<b>Inlet made of plastic</b>					
Ethernet/Bus	3-pol + PA	2 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 571 9102 R0001</b>	<b>Only available in metal version!</b>
110 V AC	2-pol + PE	4 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 571 9104 R0001</b>	
110 V AC	2-pol + PE	4 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 571 9204 R0001</b>	
230 V AC	2-pol + PE	6 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 571 9106 R0001</b>	
230 V AC	2-pol + PE	6 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 571 9206 R0001</b>	
24 V DC	4-pol	8 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 571 9108 R0001</b>	
24 V DC	4-pol	8 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 571 9208 R0001</b>	
24 V AC	2-pol + PE	12 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 571 9112 R0001</b>	
24 V AC	2-pol + PE	12 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 571 9212 R0001</b>	
Ethernet/Bus	3-pol + PA	2 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 571 9102 R0002</b>	
110 V AC	2-pol + PE	4 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 571 9104 R0002</b>	
110 V AC	2-pol + PE	4 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 571 9204 R0001</b>	
230 V AC	2-pol + PE	6 h	15 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 571 9106 R0003</b>	
230 V AC	2-pol + PE	6 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 571 9106 R0002</b>	
230 V AC	2-pol + PE	6 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 571 9206 R0002</b>	
24 V DC	4-pol	8 h	21 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 571 9108 R0002</b>	
24 V DC	4-pol	8 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 571 9108 R0003</b>	
24 V DC	4-pol	8 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 571 9208 R0002</b>	
24 V AC	2-pol + PE	12 h	11 cm multi wire 0.75 mm <sup>2</sup>	<b>GHG 571 9112 R0002</b>	
24 V AC	2-pol + PE	12 h	30 cm multi wire 1.0 mm <sup>2</sup>	<b>GHG 571 9112 R0003</b>	
24 V AC	2-pol + PE	12 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 571 9112 R0004</b>	
24 V AC	2-pol + PE	12 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 571 9212 R0002</b>	
<b>Inlet made of nickel-plated V &lt; 2000 cm<sup>3</sup></b>					
Ethernet/Bus	3-pol + PA	2 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 571 9102 R3001</b>	<b>GHG 571 9102 R6001</b>
110 V AC	2-pol + PE	4 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 571 9104 R3001</b>	<b>GHG 571 9104 R6001</b>
110 V AC	2-pol + PE	4 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 571 9204 R3001</b>	<b>GHG 571 9204 R6001</b>
<b>Inlet made of stainless steel V &lt; 2000 cm<sup>3</sup></b>					
Ethernet/Bus	3-pol + PA	2 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 571 9102 R1001</b>	<b>GHG 571 9102 R5001</b>
110 V AC	2-pol + PE	4 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 571 9104 R1001</b>	<b>GHG 571 9104 R5001</b>
110 V AC	2-pol + PE	4 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 571 9204 R1001</b>	<b>GHG 571 9204 R5001</b>



## Ordering key eXLink inlet 4-pole + PE

Metal version also for EEx-d applications with free volume < 2000 cm<sup>3</sup>

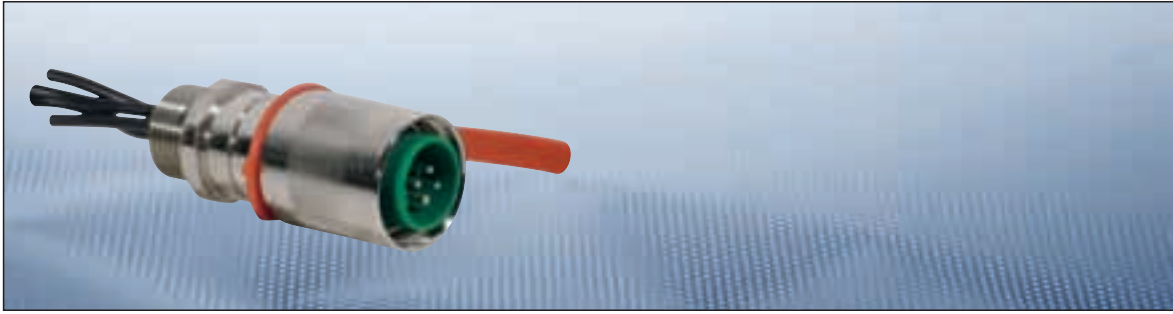
# GHG 574 9XXX RXX0X

X = Zählnummer

1. Connection technology	2. Coding	3. Material	4. Diameter of connection cable
1 = Crimp <sup>1)</sup> /30 cm multi wire up to 1.5 mm <sup>2</sup>	01 = 1 h	0 = Plastic	0 = without locking device
2 = Crimp <sup>1)</sup> /30 cm multi wire up to 2.5 mm <sup>2</sup>	05 = 5 h	1 = Stainless steel AISI 316L with M20 thread	9 = with locking device
<sup>1)</sup> only in plastic version	10 = 10 h	3 = Nickel-plated brass with M20 thread	
		5 = Stainless steel AISI 316L with 1/2" NPT thread	
		6 = Nickel-plated brass with 1/2" NPT thread	

## Ordering details

Voltage	No. of poles	Coding	Connection	Thread	
				M20 x 1.5 Order No.	1/2" NPT Order No.
<b>Inlet made of plastic</b>					
Ethernet/Bus	4-pol + PA	1 h	Crimp up to 1.5 mm <sup>2</sup>	GHG 574 9101 R0001	<i>Only available in metal version!</i>
24 V DC	4-pol + PE	5 h	Crimp up to 1.5 mm <sup>2</sup>	GHG 574 9105 R0001	
24 V DC	4-pol + PE	5 h	Crimp up to 2.5 mm <sup>2</sup>	GHG 574 9205 R0001	
230 V AC	4-pol + PE	10 h	Crimp up to 1.5 mm <sup>2</sup>	GHG 574 9110 R0001	
230 V AC	4-pol + PE	10 h	Crimp up to 2.5 mm <sup>2</sup>	GHG 574 9210 R0001	
Ethernet	4-pol + PE	1 h	30 cm multi wire 1.5 mm <sup>2</sup>	GHG 574 9101 R0002	<i>Only available in metal version!</i>
24 V AC	4-pol + PE	5 h	30 cm multi wire 1.0 mm <sup>2</sup>	GHG 574 9105 R0002	
230 V AC	4-pol + PE	10 h	30 cm multi wire 1.5 mm <sup>2</sup>	GHG 574 9110 R0002	
230 V AC	4-pol + PE	10 h	30 cm multi wire 2.5 mm <sup>2</sup>	GHG 574 9210 R0002	
<b>Inlet made of nickel-plated V &lt; 2000 cm<sup>3</sup></b>					
Ethernet/Bus	4-pol + PA	1 h	30 cm multi wire 1.5 mm <sup>2</sup>	GHG 574 9101 R3001	GHG 574 9101 R6001
24 V DC	4-pol + PE	5 h	30 cm multi wire 1.5 mm <sup>2</sup>	GHG 574 9105 R3001	GHG 574 9105 R6001
24 V DC	4-pol + PE	5 h	30 cm multi wire 2.5 mm <sup>2</sup>	GHG 574 9205 R3001	GHG 574 9205 R6001
230 V AC	4-pol + PE	10 h	30 cm multi wire 1.5 mm <sup>2</sup>	GHG 574 9110 R3001	GHG 574 9110 R6001
230 V AC	4-pol + PE	10 h	30 cm multi wire 2.5 mm <sup>2</sup>	GHG 574 9210 R3001	GHG 574 9210 R6001
<b>Inlet made of stainless steel V &lt; 2000 cm<sup>3</sup></b>					
Ethernet/Bus	4-pol + PA	1 h	30 cm multi wire 1.5 mm <sup>2</sup>	GHG 574 9101 R1001	GHG 574 9101 R5001
24 V DC	4-pol + PE	5 h	30 cm multi wire 1.5 mm <sup>2</sup>	GHG 574 9105 R1001	GHG 574 9105 R5001
24 V DC	4-pol + PE	5 h	30 cm multi wire 2.5 mm <sup>2</sup>	GHG 574 9205 R1001	GHG 574 9205 R5001
230 V AC	4-pol + PE	10 h	30 cm multi wire 1.5 mm <sup>2</sup>	GHG 574 9110 R1001	GHG 574 9110 R5001
230 V AC	4-pol + PE	10 h	30 cm multi wire 2.5 mm <sup>2</sup>	GHG 574 9210 R1001	GHG 574 9210 R5001



## Ordering key eXLink inlet 4-pole

Metal version for EEx-d applications with free volume > 2000 cm<sup>3</sup>

# GHG 571 6XXX RXX0X

X = Count No.

1. Connection technology	2. Coding	3. Material	4. Diameter of connection cable
1 = 30 cm multi wire up to 1.5 mm <sup>2</sup>	02 = 2 h	1 = Stainless steel AISI 316L with M20 thread	0 = without locking device
2 = 30 cm multi wire up to 2.5 mm <sup>2</sup>	04 = 4 h	3 = Nickel-plated brass with M20 thread	9 = with locking device
	06 = 6 h	5 = Stainless steel AISI 316L with 1/2" NPT thread	
	08 = 8 h	6 = Nickel-plated brass with 1/2" NPT thread	
	12 = 12 h		

## Ordering details

Voltage	No. of poles	Coding	Connection	Thread	
				M20 x 1.5 Order No.	1/2" NPT Order No.
<b>Receptacle made of stainless steel for V &gt; 2000 cm<sup>3</sup></b>					
BUS	3-pol + PA	2 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 571 6102 R1001</b>	<b>GHG 571 6102 R5001</b>
110 V AC	2-pol + PE	4 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 571 6104 R1001</b>	<b>GHG 571 6104 R5001</b>
110 V AC	2-pol + PE	4 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 571 6204 R1001</b>	<b>GHG 571 6204 R5001</b>
230 V AC	2-pol + PE	6 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 571 6106 R1001</b>	<b>GHG 571 6106 R5001</b>
230 V AC	2-pol + PE	6 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 571 6206 R1001</b>	<b>GHG 571 6206 R5001</b>
24 V DC	4-pol	8 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 571 6108 R1001</b>	<b>GHG 571 6108 R5001</b>
24 V DC	4-pol	8 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 571 6208 R1001</b>	<b>GHG 571 6208 R5001</b>
24 V AC	2-pol + PE	12 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 571 6112 R1001</b>	<b>GHG 571 6112 R5001</b>
24 V AC	2-pol + PE	12 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 571 6212 R1001</b>	<b>GHG 571 6212 R5001</b>
<b>Inlet made of nickel-plated brass V &gt; 2000 cm<sup>3</sup></b>					
BUS	3-pol + PA	2 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 571 6102 R3001</b>	<b>GHG 571 6102 R6001</b>
110 V AC	2-pol + PE	4 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 571 6104 R3001</b>	<b>GHG 571 6104 R6001</b>
110 V AC	2-pol + PE	4 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 571 6204 R3001</b>	<b>GHG 571 6204 R6001</b>
230 V AC	2-pol + PE	6 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 571 6106 R3001</b>	<b>GHG 571 6106 R6001</b>
230 V AC	2-pol + PE	6 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 571 6206 R3001</b>	<b>GHG 571 6206 R6001</b>
24 V DC	4-pol	8 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 571 6108 R3001</b>	<b>GHG 571 6108 R6001</b>
24 V DC	4-pol	8 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 571 6208 R3001</b>	<b>GHG 571 6208 R6001</b>
24 V AC	2-pol + PE	12 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 571 6112 R3001</b>	<b>GHG 571 6112 R6001</b>
24 V AC	2-pol + PE	12 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 571 6212 R3001</b>	<b>GHG 571 6212 R6001</b>





### Ordering key eXLink inlet 4-pole + PE

Metal version for EEx-d applications with free volume > 2000 cm<sup>3</sup>

## GHG 574 6XXX RXX01

1. Connection technology	2. Coding	3. Material	4. Diameter of connection cable
1 = 30 cm multi wire up to 1.5 mm <sup>2</sup>	01 = 1 h	1 = Stainless steel AISI 316L with M20 thread	0 = without locking device
2 = 30 cm multi wire up to 2.5 mm <sup>2</sup>	05 = 5 h	3 = Nickel-plated brass with M20 thread	9 = with locking device
	10 = 10 h	5 = Stainless steel AISI 316L with 1/2" NPT thread	
		6 = Nickel-plated brass with 1/2" NPT thread	

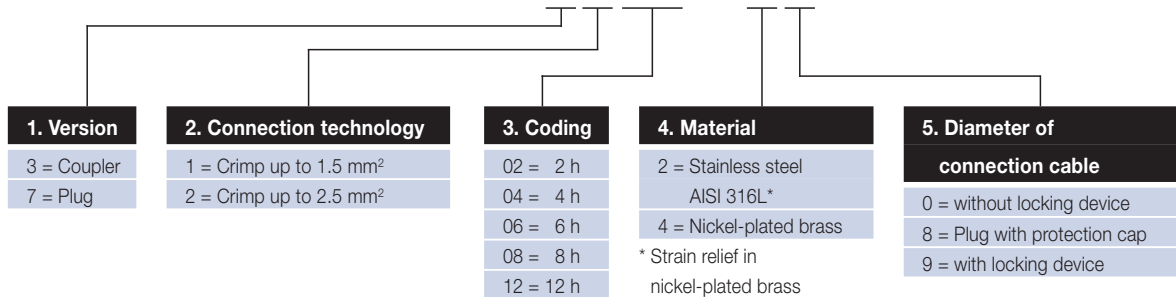
### Ordering details

Voltage	No. of poles	Coding	Connection	Thread	
				M20 x 1.5 Order No.	1/2" NPT Order No.
Inlet made of stainless steel for V > 2000 cm <sup>3</sup>					
Ethernet/Bus	4-pol + PA	1 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 574 6101 R1001</b>	<b>GHG 574 6101 R5001</b>
24 V DC	4-pol + PE	5 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 574 6105 R1001</b>	<b>GHG 574 6105 R5001</b>
24 V DC	4-pol + PE	5 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 574 6205 R1001</b>	<b>GHG 574 6205 R5001</b>
230 V AC	4-pol + PE	10 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 574 6110 R1001</b>	<b>GHG 574 6110 R5001</b>
230 V AC	4-pol + PE	10 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 574 6210 R1001</b>	<b>GHG 574 6210 R5001</b>
Inlet made of nickel-plated brass V > 2000 cm <sup>3</sup>					
Ethernet/Bus	4-pol + PA	1 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 574 6101 R3001</b>	<b>GHG 574 6101 R6001</b>
24 V DC	4-pol + PE	5 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 574 6105 R3001</b>	<b>GHG 574 6105 R6001</b>
24 V DC	4-pol + PE	5 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 574 6205 R3001</b>	<b>GHG 574 6205 R6001</b>
230 V AC	4-pol + PE	10 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 574 6110 R3001</b>	<b>GHG 574 6110 R6001</b>
230 V AC	4-pol + PE	10 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 574 6210 R3001</b>	<b>GHG 574 6210 R6001</b>



**Ordering key eXLink plug/coupler for armored cables 4-pole**

# GHG 571 XXXX RXX01

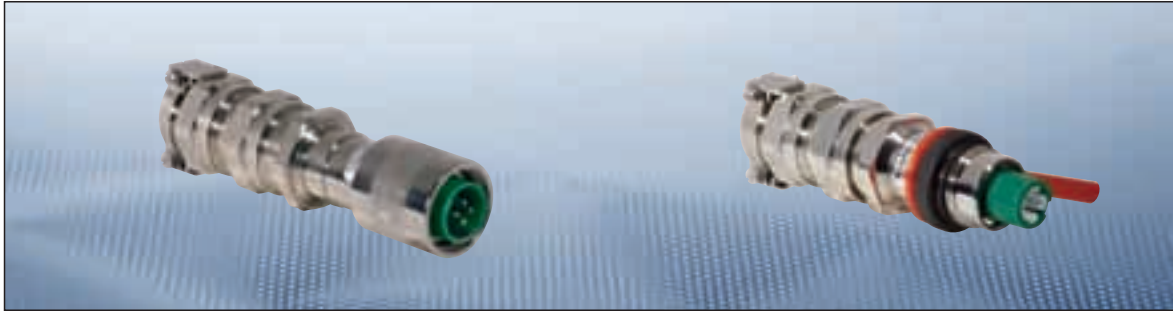


**Ordering details**

Voltage	No. of poles	Coding	Connection	Diameter of connection cable 12 - 21 mm	
				Plug Order No.	Coupler Order No.
Plug/coupler made of stainless steel for armored cables*					
Bus	3-pol + PA	2 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 571 7102 R2001</b>	<b>GHG 571 3102 R2001</b>
110 V AC	2-pol + PE	4 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 571 7104 R2001</b>	<b>GHG 571 3104 R2001</b>
110 V AC	2-pol + PE	4 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 571 7204 R2001</b>	<b>GHG 571 3204 R2001</b>
230 V AC	2-pol + PE	6 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 571 7106 R2001</b>	<b>GHG 571 3106 R2001</b>
230 V AC	2-pol + PE	6 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 571 7206 R2001</b>	<b>GHG 571 3206 R2001</b>
24 V DC	4-pol	8 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 571 7108 R2001</b>	<b>GHG 571 3108 R2001</b>
24 V DC	4-pol	8 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 571 7208 R2001</b>	<b>GHG 571 3208 R2001</b>
24 V AC	2-pol + PE	12 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 571 7112 R2001</b>	<b>GHG 571 3112 R2001</b>
24 V AC	2-pol + PE	12 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 571 7212 R2001</b>	<b>GHG 571 3212 R2001</b>

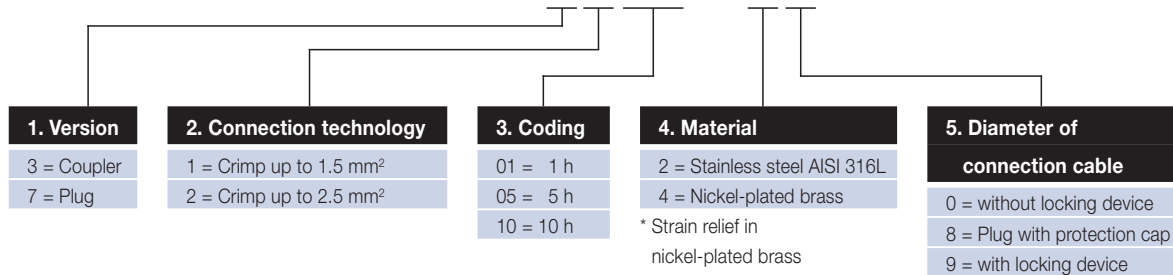
Plug/coupler made of nickel-plated brass for armored cables					
Bus	3-pol + PA	2 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 571 7102 R4001</b>	<b>GHG 571 3102 R4001</b>
110 V AC	2-pol + PE	4 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 571 7104 R4001</b>	<b>GHG 571 3104 R4001</b>
110 V AC	2-pol + PE	4 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 571 7204 R4001</b>	<b>GHG 571 3204 R4001</b>
230 V AC	2-pol + PE	6 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 571 7106 R4001</b>	<b>GHG 571 3106 R4001</b>
230 V AC	2-pol + PE	6 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 571 7206 R4001</b>	<b>GHG 571 3206 R4001</b>
24 V DC	4-pol	8 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 571 7108 R4001</b>	<b>GHG 571 3108 R4001</b>
24 V DC	4-pol	8 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 571 7208 R4001</b>	<b>GHG 571 3208 R4001</b>
24 V AC	2-pol + PE	12 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 571 7112 R4001</b>	<b>GHG 571 3112 R4001</b>
24 V AC	2-pol + PE	12 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 571 7212 R4001</b>	<b>GHG 571 3212 R4001</b>

\*Strain relief in nickel-plated brass



**Ordering key eXLink plug/coupler for armored cables 4-pole + PE**

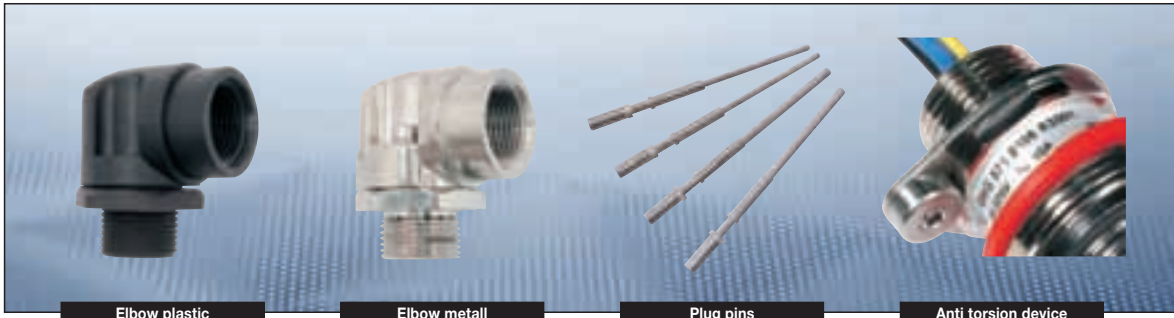
# GHG 574 XXXX RXX01



**Ordering details**

Voltage	No. of poles	Coding	Connection	Diameter of connection cable 12 - 21 mm	
				Plug Order No.	Coupler Order No.
<b>Plug/coupler made of stainless steel for armored cables*</b>					
Ethernet/Bus	4-pol + PA	1 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 574 7101 R2001</b>	<b>GHG 574 3101 R2001</b>
24 V DC	4-pol + PE	5 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 574 7105 R2001</b>	<b>GHG 574 3105 R2001</b>
24 V DC	4-pol + PE	5 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 574 7205 R2001</b>	<b>GHG 574 3205 R2001</b>
230 V AC	4-pol + PE	10 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 574 7110 R2001</b>	<b>GHG 574 3110 R2001</b>
230 V AC	4-pol + PE	10 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 574 7210 R2001</b>	<b>GHG 574 3210 R2001</b>
<b>Plug/coupler made of nickel-plated brass for armored cables</b>					
Ethernet/Bus	4-pol + PA	1 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 574 7101 R4001</b>	<b>GHG 574 3101 R4001</b>
24 V DC	4-pol + PE	5 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 574 7105 R4001</b>	<b>GHG 574 3105 R4001</b>
24 V DC	4-pol + PE	5 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 574 7205 R4001</b>	<b>GHG 574 3205 R4001</b>
230 V AC	4-pol + PE	10 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 574 7110 R4001</b>	<b>GHG 574 3110 R4001</b>
230 V AC	4-pol + PE	10 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 574 7210 R4001</b>	<b>GHG 574 3210 R4001</b>

\* Strain relief in nickel-plated brass



**Ordering key eXLink elbow**

# GHG 571 1000 RX001

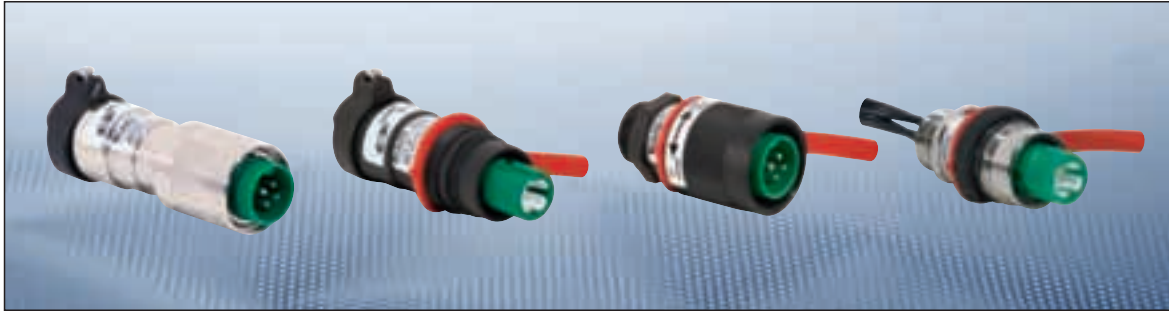
Material
0 = Plastic
1 = Stainless steel AISI 316L
3 = Nickel-plated brass

**Ordering details**

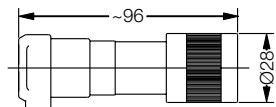
Type	Material	Order No.
Elbow M20	Plastic	<b>GHG 571 1000 R0001</b>
Elbow M20	Stainless steel AISI 316L	<b>GHG 571 1000 R1001</b>
Elbow M20	Nickel-plated brass	<b>GHG 571 1000 R3001</b>

**Accessories**

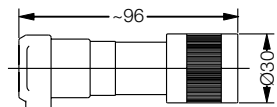
Type	BE	Version			Order No.
		3+PE	4 pol.	4+PE	
Set of socket contacts 1.5 mm <sup>2</sup> , 4-pole	1	X	X	–	<b>GHG 570 1905 R0001</b>
Set of socket contacts 2.5 mm <sup>2</sup> , 4-pole	1	X	X	–	<b>GHG 570 1905 R0002</b>
Set of socket contacts 1.5 mm <sup>2</sup> , 4-pole + PE contact	1	–	–	X	<b>GHG 570 1905 R0003</b>
Set of socket contacts 2.5 mm <sup>2</sup> , 4-pole + PE contact	1	–	–	X	<b>GHG 570 1905 R0004</b>
Crimp tool for eXLink	1	X	X	X	<b>GHG 570 1902 R0001</b>
Plastic protection cap connector/receptacle	1	X	X	X	<b>GHG 570 1903 R0001</b>
Plastic protection cap plug/inlet	1	X	X	X	<b>GHG 570 1903 R0002</b>
Brass protection cap connector/receptacle	1	X	X	X	<b>GHG 570 1903 R0003</b>
Brass protection cap plug/inlet	1	X	X	X	<b>GHG 570 1903 R0004</b>
Set of plug pins 1.5 mm <sup>2</sup> , 3-pole + PE (PE leading AC)	1	X	–	–	<b>GHG 570 1904 R0003</b>
Set of plug pins 1.5 mm <sup>2</sup> , 4-pole (lagging DC)	1	–	X	–	<b>GHG 570 1904 R0001</b>
Set of plug pins 2.5 mm <sup>2</sup> , 3-pole + PE (PE leading AC)	1	X	–	–	<b>GHG 570 1904 R0004</b>
Set of plug pins 2.5 mm <sup>2</sup> , 4-pole (lagging DC)	1	–	X	–	<b>GHG 570 1904 R0002</b>
Set of plug pins 1.5 mm <sup>2</sup> , 4-pole + PE-spring clip	1	–	–	X	<b>GHG 570 1904 R0005</b>
Set of plug pins 2.5 mm <sup>2</sup> , 4-pole + PE-spring clip	1	–	–	X	<b>GHG 570 1904 R0006</b>
ScREW driver for cage clamp	1	X	X	–	<b>GHG 570 1908 R0001</b>
Strain relief and seal 4 - 7.5 mm	1	X	X	X	<b>GHG 570 1907 R0001</b>
Strain relief and seal 7.5 - 11 mm	1	X	X	X	<b>GHG 570 1907 R0002</b>
Anti torsion device	1	X	X	X	<b>GHG 570 1901 R0001</b>



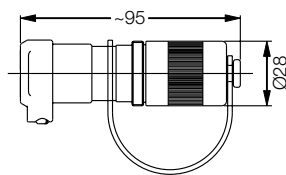
Dimension drawing eXLink



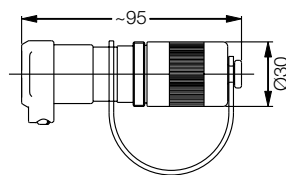
Plug metal version



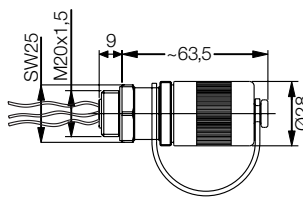
Plug plastic version



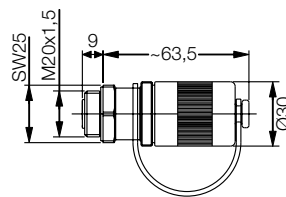
Coupler metal version



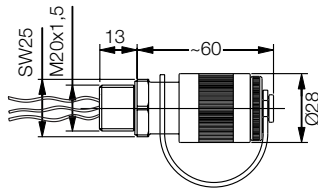
Coupler plastic version



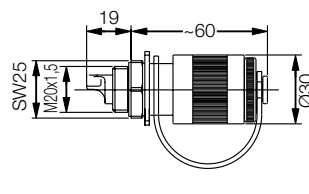
Inlet metal version



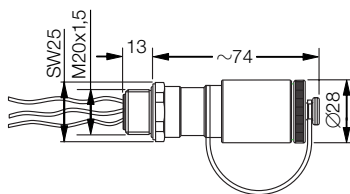
Inlet plastic version



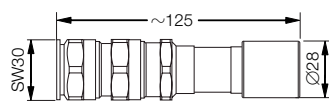
Receptacle metal version:  $V < 2000 \text{ cm}^3$



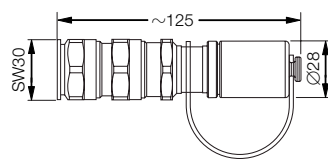
Receptacle plastic version



Receptacle metal version:  $V > 2000 \text{ cm}^3$



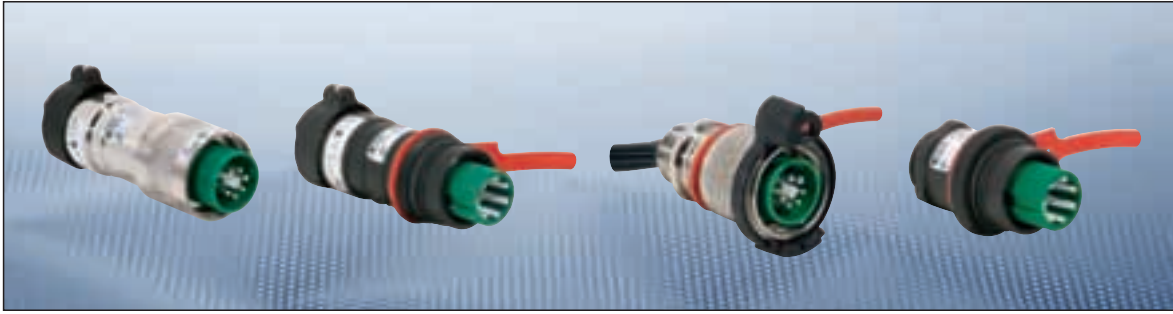
Plug for armoured cable



Coupler for armoured cable

Dimensions in mm

**| eXLink 7-pole/6-pole + PE |**

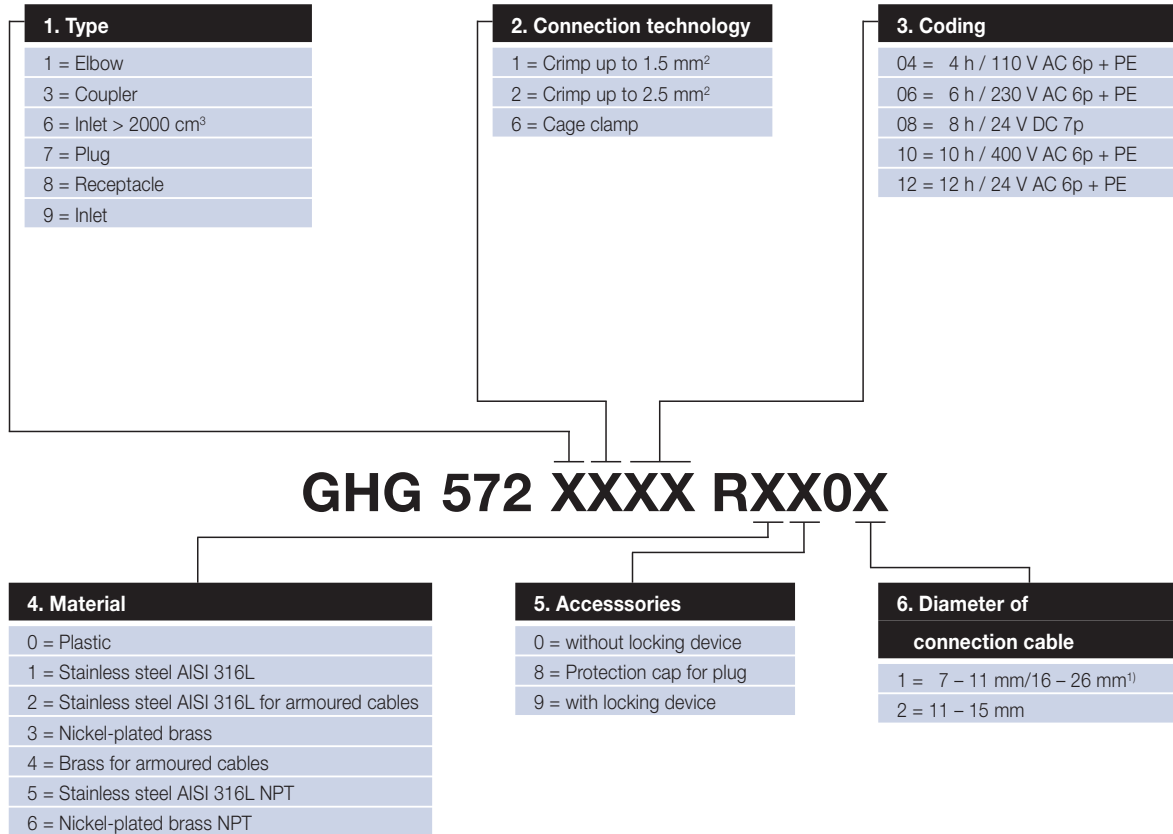


**Technical data**

**eXLink 6+1-pole**

Marking to 94/9/EC	Ⓔ II 2 G
Type of protection	EEx de IIC T6
EC-Type Examination Certificate	PTB 06 ATEX 1031 X
Rated voltage	AC up to 400 V, 50/60 Hz / DC up to 60 V
Rated current	max. 3 x 16 A
Switching capacity acc. EN 60 947-4 AC-3:	400 V / 1 A
DC-3:	60 V / 0.5 A
Back-up fuse max. without thermal protection	16 A
Back-up fuse max. with thermal protection	20 A gL
Permissible ambient temperature	-20 °C up to +40 °C (Rated current 16 A)
Extended temperature range	-55 °C up to +75 °C (Metal version, rated current 1 A)
Store temperature in original wrapping	-55 °C up to +80 °C
Degree of protection EN 60529	IP 66/IP 68 with closed and locked protective caps or duly plugged and locked components
Insulation class acc. EN 60598	II: plastic / I: metal
Enclosure material	
Plug, coupler, inlet < 2000 cm <sup>3</sup> and receptacle	Polyamide, nickel plate brass or stainless steel AISI 316L
Inlet > 2000 cm <sup>2</sup> and plug/coupler for armoured cables	Nickel plated brass or stainless steel AISI 316L
Terminal cross section	
Plug, coupler	Crimp 1.5 mm <sup>2</sup> : 0.75 - 1.5 mm <sup>2</sup> / Solder: 0.34 - 1.0 mm <sup>2</sup> Crimp 2.5 mm <sup>2</sup> : 1.5 - 2.5 mm <sup>2</sup> Cage clamp: 0.5 - 1.0 mm <sup>2</sup> multi wire, 0.5 - 1.5 mm <sup>2</sup> single wire
Inlet, receptacle in plastic	Crimp 1.5 mm <sup>2</sup> : 0.75 - 1.5 mm <sup>2</sup> / Solder: 0.34 - 1.0 mm <sup>2</sup> Crimp 2.5 mm <sup>2</sup> : 1.5 - 2.5 mm <sup>2</sup>
Inlet, receptacle in metal	30 cm multi wire: 1.5 mm <sup>2</sup> / 2.5 mm <sup>2</sup> / 30 cm multi wire: 1.5 mm <sup>2</sup> / 2.5 mm <sup>2</sup>
Cable entry plug and coupler	Ø 7 - 11 mm / Ø 11 - 15 mm
Cable entry plug and coupler for armoured cables	external isol. Ø 16- 26 mm / internal isol. Ø 8.5 - 16 mm / armouring 0 - 1.5 mm
Cable entry inlet and receptacle	M25 x 1.5 / 3/4" NPT

## Ordering key eXLink 6+1-pole



## Overview for possible configurations

	Plastic	Nickel-plated brass	Stainless steel	Crimp 1.5 mm <sup>2</sup>	Crimp 2.5 mm <sup>2</sup>	Solder	Cage clamp	15 cm multi wire 1.5 mm <sup>2</sup>	30 cm multi wire 2.5 mm <sup>2</sup>	Cable entries Ø 7 - 11 mm	Cable entries Ø 11 - 15 mm	Cable entries Ø 16 - 26 mm	M25 x 1.5	3/4" NPT
Plug 6+1	x	x	x	x	x	x	x			x	x			
Receptacle 6+1	x	x	x	x	x	x	x			x	x			
Plug for armoured cables 6+1		x	x	x	x	x	x					x		
Receptacle for armoured cables 6+1		x	x	x	x	x	x					x		
Inlet for EEx e enclosure	x	x	x	x	x			x <sup>2)</sup>	x <sup>2)</sup>				x	x
Info for EEx d enclosure < 2000 cm <sup>3</sup>		x	x					x <sup>2)</sup>	x <sup>2)</sup>				x	x
Info for EEx d enclosure > 2000 cm <sup>3</sup>		x	x					x <sup>2)</sup>	x <sup>2)</sup>				x	x
Receptacle for EEx e enclosure	x	x	x	x	x			x <sup>2)</sup>	x <sup>2)</sup>				x	x
Receptacle for EEx d enclosure (no restriction on free volume)		x	x					x <sup>2)</sup>	x <sup>2)</sup>				x	x
Elbow for EEx e enclosure	x	x	x										x	x
Elbow for EEx d enclosure		x	x										x	x

<sup>2)</sup> on customers request available with cable length 500/750/1500 mm



**Ordering key eXLink Plug 6+1-pole**

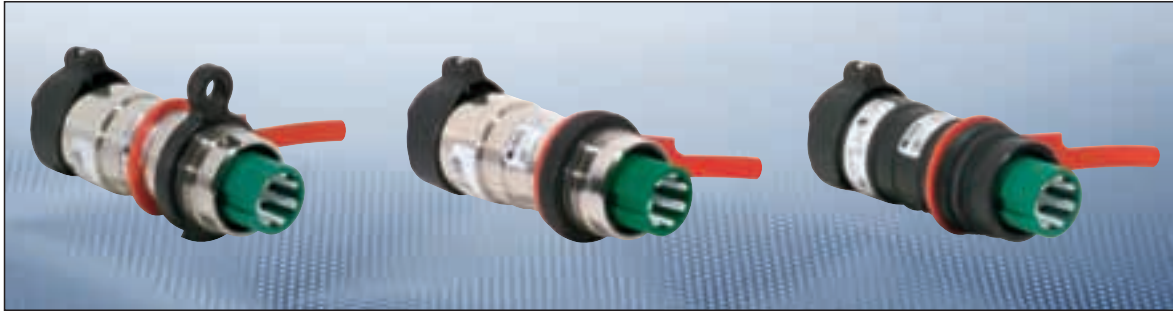
# GHG 572 7XXX RXX0X

1. Connection technology	2. Coding	3. Material	4. Accessories	5. Diameter of connection cable
1 = Crimp up to 1.5 mm <sup>2</sup>	04 = 4 h	0 = Plastic	0 = without locking device	1 = 7 - 11 mm
2 = Crimp up to 2.5 mm <sup>2</sup>	08 = 8 h	1 = Stainless steel AISI 316L	8 = Protection cap for plug	2 = 11 - 15 mm
6 = Cage-clamp	10 = 10 h	3 = Nickel-plated brass	9 = with locking device	
	12 = 12 h			

**Ordering details**

Voltage	No. of poles	Coding	Connection	Diameter of connection cable	
				7 - 11 mm Order No.	11 - 15 mm Order No.
<b>Plug made of plastic</b>					
110 V AC	6-pol + PE	4 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 572 7104 R0001</b>	<b>GHG 572 7104 R0002</b>
110 V AC	6-pol + PE	4 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 572 7204 R0001</b>	<b>GHG 572 7204 R0002</b>
110 V AC	6-pol + PE	4 h	Cage clamp	<b>GHG 572 7604 R0001</b>	<b>GHG 572 7604 R0002</b>
230 V AC	6-pol + PE	6 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 572 7106 R0001</b>	<b>GHG 572 7106 R0002</b>
230 V AC	6-pol + PE	6 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 572 7206 R0001</b>	<b>GHG 572 7206 R0002</b>
230 V AC	6-pol + PE	6 h	Cage clamp	<b>GHG 572 7606 R0001</b>	<b>GHG 572 7606 R0002</b>
24 V DC	7-pol	8 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 572 7108 R0001</b>	<b>GHG 572 7108 R0002</b>
24 V DC	7-pol	8 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 572 7208 R0001</b>	<b>GHG 572 7208 R0002</b>
<b>Plug made of nickel-plated brass</b>					
110 V AC	6-pol + PE	4 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 572 7104 R3001</b>	<b>GHG 572 7104 R3002</b>
110 V AC	6-pol + PE	4 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 572 7204 R3001</b>	<b>GHG 572 7204 R3002</b>
110 V AC	6-pol + PE	4 h	Cage clamp	<b>GHG 572 7604 R3001</b>	<b>GHG 572 7604 R3002</b>
230 V AC	6-pol + PE	6 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 572 7106 R3001</b>	<b>GHG 572 7106 R3002</b>
230 V AC	6-pol + PE	6 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 572 7206 R3001</b>	<b>GHG 572 7206 R3002</b>
230 V AC	6-pol + PE	6 h	Cage clamp	<b>GHG 572 7606 R3001</b>	<b>GHG 572 7606 R3002</b>
<b>Plug made of stainless steel</b>					
110 V AC	6-pol + PE	4 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 572 7104 R1001</b>	<b>GHG 572 7104 R1002</b>
110 V AC	6-pol + PE	4 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 572 7204 R1001</b>	<b>GHG 572 7204 R1002</b>
110 V AC	6-pol + PE	4 h	Cage clamp	<b>GHG 572 7604 R1001</b>	<b>GHG 572 7604 R1002</b>
230 V AC	6 pol + PE	6 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 572 7106 R1001</b>	<b>GHG 572 7106 R1002</b>
230 V AC	6 pol + PE	6 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 572 7206 R1001</b>	<b>GHG 572 7206 R1002</b>
230 V AC	2-pol + PE	6 h	Cage clamp	<b>GHG 572 7606 R1001</b>	<b>GHG 572 7606 R1002</b>
24 V DC	7-pol	8 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 572 7108 R1001</b>	<b>GHG 572 7108 R1002</b>
24 V DC	7-pol	8 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 572 7208 R1001</b>	<b>GHG 572 7208 R1002</b>
24 V DC	7-pol.	8 h	Cage clamp	<b>GHG 572 7608 R1001</b>	<b>GHG 572 7608 R1002</b>
400 V AC	6-p + PE	10 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 572 7110 R1001</b>	<b>GHG 572 7110 R1002</b>
400 V AC	6-p + PE	10 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 572 7210 R1001</b>	<b>GHG 572 7210 R1002</b>
24 V AC	6-p + PE	12 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 572 7112 R1001</b>	<b>GHG 572 7112 R1002</b>
24 V AC	6-p + PE	12 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 572 7212 R1001</b>	<b>GHG 572 7212 R1002</b>





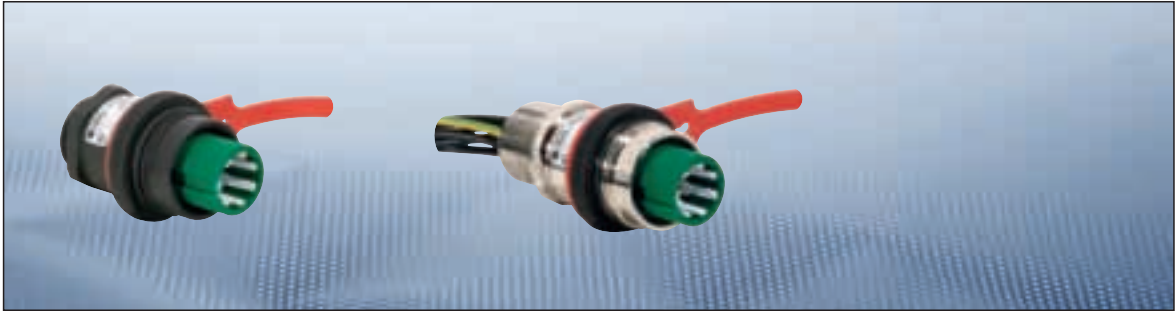
**Ordering key eXLink coupler 6+1-pole**

# GHG 572 3XXX RXX0X

1. Connection technology	2. Coding	3. Material	4. Accessories	5. Diameter of connection cable
1 = Crimp up to 1.5 mm <sup>2</sup>	04 = 1 h	0 = Plastic	0 = without locking device	1 = 7 – 11 mm
2 = Crimp up to 2.5 mm <sup>2</sup>	06 = 5 h	1 = Stainless steel AISI 316L	8 = Protection cap for plug	2 = 11 – 15 mm
6 = Cage-clamp	08 = 6 h	3 = Nickel-plated brass	9 = with locking device	
	10 = 10 h			
	12 = 12 h			

**Ordering details**

Voltage	No. of poles	Coding	Connection	Diameter of connection cable	
				7 – 11 mm Order No.	11 – 15 mm Order No.
<b>Coupler made of plastic version</b>					
110 V AC	6-pol + PE	4 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 572 3104 R0001</b>	<b>GHG 572 3104 R0002</b>
110 V AC	6-pol + PE	4 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 572 3204 R0001</b>	<b>GHG 572 3204 R0002</b>
110 V AC	6-pol + PE	4 h	Cage clamp	<b>GHG 572 3604 R0001</b>	<b>GHG 572 3604 R0002</b>
230 V AC	6-pol + PE	6 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 572 3106 R0001</b>	<b>GHG 572 3106 R0002</b>
230 V AC	6-pol + PE	6 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 572 3206 R0001</b>	<b>GHG 572 3206 R0002</b>
230 V AC	6-pol + PE	6 h	Cage clamp	<b>GHG 572 3606 R0001</b>	<b>GHG 572 3606 R0002</b>
24 V DC	7-pol	8 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 572 3108 R0001</b>	<b>GHG 572 3108 R0002</b>
24 V DC	7-pol	8 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 572 3208 R0001</b>	<b>GHG 572 3208 R0002</b>
<b>Coupler made of nickel-plated brass</b>					
110 V AC	6-pol + PE	4 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 572 3104 R3001</b>	<b>GHG 572 3104 R3002</b>
110 V AC	6-pol + PE	4 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 572 3204 R3001</b>	<b>GHG 572 3204 R3002</b>
110 V AC	6-pol + PE	4 h	Cage clamp	<b>GHG 572 3604 R3001</b>	<b>GHG 572 3604 R3002</b>
230 V AC	6-pol + PE	6 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 572 3106 R3001</b>	<b>GHG 572 3106 R3002</b>
230 V AC	6-pol + PE	6 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 572 3206 R3001</b>	<b>GHG 572 3206 R3002</b>
230 V AC	6-pol + PE	6 h	Cage clamp	<b>GHG 572 3606 R3001</b>	<b>GHG 572 3606 R3002</b>
<b>Coupler made of stainless steel</b>					
110 V AC	6-pol + PE	4 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 572 3104 R1001</b>	<b>GHG 572 3104 R1002</b>
110 V AC	6-pol + PE	4 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 572 3204 R1001</b>	<b>GHG 572 3204 R1002</b>
110 V AC	6-pol + PE	4 h	Cage clamp	<b>GHG 572 3604 R1001</b>	<b>GHG 572 3604 R1002</b>
230 V AC	6-pol + PE	6 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 572 3106 R1001</b>	<b>GHG 572 3106 R1002</b>
230 V AC	6-pol + PE	6 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 572 3206 R1001</b>	<b>GHG 572 3206 R1002</b>
24 V DC	7-pol	8 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 572 3108 R1001</b>	<b>GHG 572 3108 R1002</b>
24 V DC	7-pol	8 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 572 3208 R1001</b>	<b>GHG 572 3208 R1002</b>
400 V AC	6p + PE	10 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 572 3110 R1001</b>	<b>GHG 572 3110 R1002</b>
400 V AC	6p + PE	10 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 572 3210 R1001</b>	<b>GHG 572 3210 R1002</b>
24 V AC	6p + PE	12 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 572 3112 R1001</b>	<b>GHG 572 3112 R1002</b>
24 V AC	6p + PE	12 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 572 3212 R1001</b>	<b>GHG 572 3212 R1002</b>



**Ordering key eXLink receptacle 6+1-pole**

Metal version also for all EEx-d application

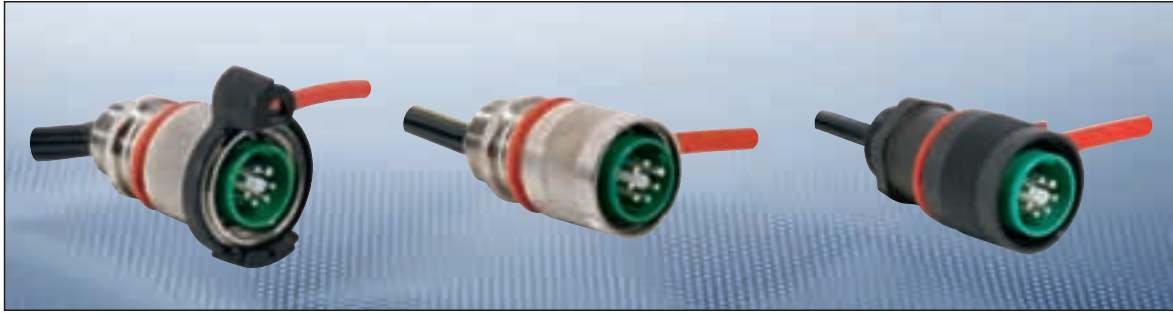
**GHG 572 8XXX RXX0X**

**X = Count No.**

1. Connection technology	2. Coding	3. Material	4. Diameter of connection cable
1 = Crimp <sup>1)</sup> /30 cm multi wire up to 1.5 mm <sup>2</sup>	04 = 4 h	0 = Plastic	0 = without locking device
2 = Crimp <sup>1)</sup> /30 cm multi wire up to 2.5 mm <sup>2</sup>	06 = 6 h	1 = Stainless steel AISI 316L with M25 thread	9 = with locking device
<sup>1)</sup> only plastic version	08 = 8 h	3 = Nickel-plated brass with M25 thread	
	10 = 10 h	5 = Stainless steel AISI 316L with 3/4" NPT thread	
	12 = 12 h	6 = Nickel-plated brass with 3/4" NPT thread	

**Ordering details**

Voltage	No. of poles	Coding	Connection	Thread		
				M25 x 1.5 Order No.	3/4" NPT Order No.	
<b>Receptacle made of plastic version</b>						
110 V AC	6-pol + PE	4 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 572 8104 R0001</b>	<b>Only available in metal version!</b>	
110 V AC	6-pol + PE	4 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 572 8204 R0001</b>		
230 V AC	6-pol + PE	6 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 572 8106 R0001</b>		
230 V AC	6-pol + PE	6 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 572 8206 R0001</b>		
24 V DC	7-pol	8 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 572 8108 R0001</b>		
24 V DC	7-pol	8 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 572 8208 R0001</b>		
400 V AC	6p + PE	10 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 572 8110 R0001</b>		
400 V AC	6p + PE	10 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 572 8210 R0001</b>		
24 V AC	6-pol + PE	12 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 572 8112 R0001</b>		
24 V AC	6-pol + PE	12 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 572 8212 R0001</b>		
110 V AC	6-pol + PE	4 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 572 8104 R0002</b>		<b>Only available in metal version!</b>
110 V AC	6-pol + PE	4 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 572 8204 R0002</b>		
230 V AC	6-pol + PE	6 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 572 8106 R0002</b>		
230 V AC	6-pol + PE	6 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 572 8206 R0002</b>		
24 V DC	7-pol	8 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 572 8108 R0002</b>		
24 V DC	7-pol	8 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 572 8208 R0002</b>		
24 V DC	7-pol	8 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 572 8208 R0002</b>		
<b>Receptacle made of nickel-plated brass</b>						
110 V AC	6-pol + PE	4 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 572 8104 R3001</b>	<b>GHG 572 8104 R6001</b>	
110 V AC	6-pol + PE	4 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 572 8204 R3001</b>	<b>GHG 572 8204 R6001</b>	
230 V AC	6-pol + PE	6 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 572 8106 R3001</b>	<b>GHG 572 8106 R6001</b>	
230 V AC	6-pol + PE	6 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 572 8206 R3001</b>	<b>GHG 572 8206 R6001</b>	
<b>Receptacle made of stainless steel</b>						
110 V AC	6-pol + PE	4 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 572 8104 R1001</b>	<b>GHG 572 8104 R5001</b>	
110 V AC	6-pol + PE	4 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 572 8204 R1001</b>	<b>GHG 572 8204 R5001</b>	
230 V AC	6-pol + PE	6 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 572 8106 R1001</b>	<b>GHG 572 8106 R5001</b>	
230 V AC	6-pol + PE	6 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 572 8206 R1001</b>	<b>GHG 572 8206 R5001</b>	



**Ordering key eXLink inlet 6+1-pole < 2000 cm<sup>3</sup>**

Metal version also for EEx-d application with free volume < 2000 cm<sup>3</sup>

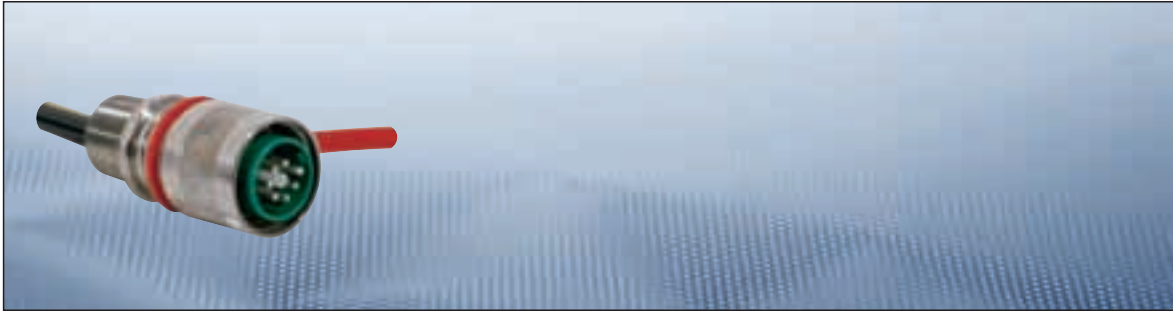
**GHG 572 9XXX RXX0X**

X = Count No.

1. Connection technology	2. Coding	3. Material	4. Diameter of connection cable
1 = Crimp <sup>1)</sup> /30 cm multi wire up to 1.5 mm <sup>2</sup>	04 = 4 h	0 = Plastic	0 = without locking device
2 = Crimp <sup>1)</sup> /30 cm multi wire up to 2.5 mm <sup>2</sup>	06 = 6 h	1 = Stainless steel AISI 316L with M25 thread	9 = with locking device
<sup>1)</sup> only plastic version	08 = 8 h	3 = Nickel-plated brass with M25 thread	
	10 = 10 h	5 = Stainless steel AISI 316L with 3/4" NPT thread	
	12 = 12 h	6 = Nickel-plated brass with 3/4" NPT thread	

**Ordering details**

Voltage	No. of poles	Coding	Connection	Thread		
				M25 x 1.5 Order No.	3/4" NPT Order No.	
<b>Inlet made of plastic</b>						
110 V AC	6-pol + PE	4 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 572 9104 R0001</b>	<b>Only available in metal version!</b>	
110 V AC	6-pol + PE	4 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 572 9204 R0001</b>		
230 V AC	6-pol + PE	6 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 572 9106 R0001</b>		
230 V AC	6-pol + PE	6 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 572 9206 R0001</b>		
24 V DC	7-pol	8 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 572 9108 R0001</b>		
24 V DC	7-pol	8 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 572 9208 R0001</b>		
400 V AC	6-pol + PE	10 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 572 9110 R0001</b>		
400 V AC	6-pol + PE	10 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 572 9210 R0001</b>		
24 V AC	6-pol + PE	12 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 572 9112 R0001</b>		
24 V AC	6-pol + PE	12 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 572 9212 R0001</b>		
110 V AC	6-pol + PE	4 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 572 9104 R0002</b>		<b>Only available in metal version!</b>
110 V AC	6-pol + PE	4 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 572 9204 R0002</b>		
230 V AC	6-pol + PE	6 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 572 9106 R0002</b>		
230 V AC	6-pol + PE	6 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 572 9206 R0002</b>		
24 V DC	7-pol	8 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 572 9108 R0002</b>		
24 V DC	7-pol	8 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 572 9208 R0002</b>		
<b>Inlet made of nickel-plated brass</b>						
110 V AC	6-pol + PE	4 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 572 9104 R3001</b>	<b>GHG 572 9104 R6001</b>	
110 V AC	6-pol + PE	4 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 572 9204 R3001</b>	<b>GHG 572 9204 R6001</b>	
230 V AC	6-pol + PE	6 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 572 9106 R3001</b>	<b>GHG 572 9106 R6001</b>	
230 V AC	6-pol + PE	6 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 572 9206 R3001</b>	<b>GHG 572 9206 R6001</b>	
<b>Inlet made of stainless steel</b>						
110 V AC	6-pol + PE	4 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 572 9104 R1001</b>	<b>GHG 572 9104 R5001</b>	
110 V AC	6-pol + PE	4 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 572 9204 R1001</b>	<b>GHG 572 9204 R5001</b>	
230 V AC	6-pol + PE	6 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 572 9106 R1001</b>	<b>GHG 572 9106 R5001</b>	
230 V AC	6-pol + PE	6 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 572 9206 R1001</b>	<b>GHG 572 9206 R5001</b>	



**Ordering key eXLink inlet 6+1-pole > 2000 cm<sup>3</sup>**

Metal version for EEx-d application with free volume > 2000 cm<sup>3</sup>

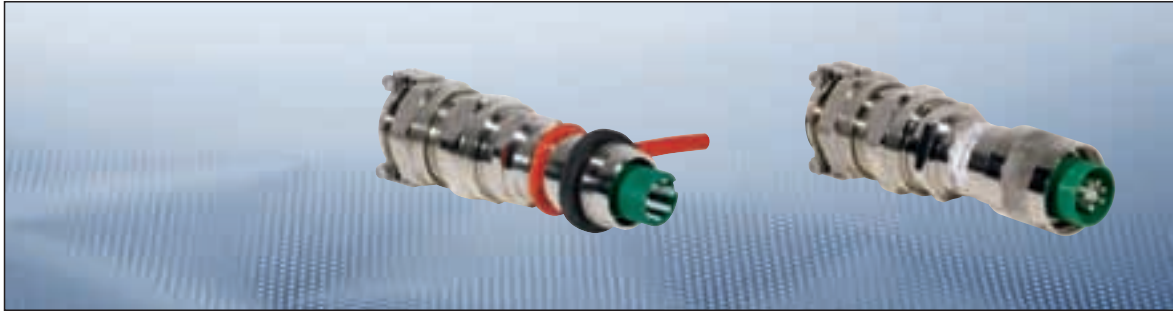
**GHG 572 6XXX RXX0X**

**X = Count No.**

1. Connection technology	2. Coding	3. Material	4. Diameter of connection cable
1 = 30 cm multi wire up to 1.5 mm <sup>2</sup>	04 = 4 h	1 = Stainless steel AISI 316L with M25 thread	0 = without locking device
2 = 30 cm multi wire up to 2.5 mm <sup>2</sup>	06 = 6 h	3 = Nickel-plated brass with M25 thread	9 = with locking device
	08 = 8 h	5 = Stainless steel AISI 316L with 3/4" NPT thread	
	10 = 10 h	6 = Nickel-plated brass with 3/4" NPT thread	
	12 = 12 h		

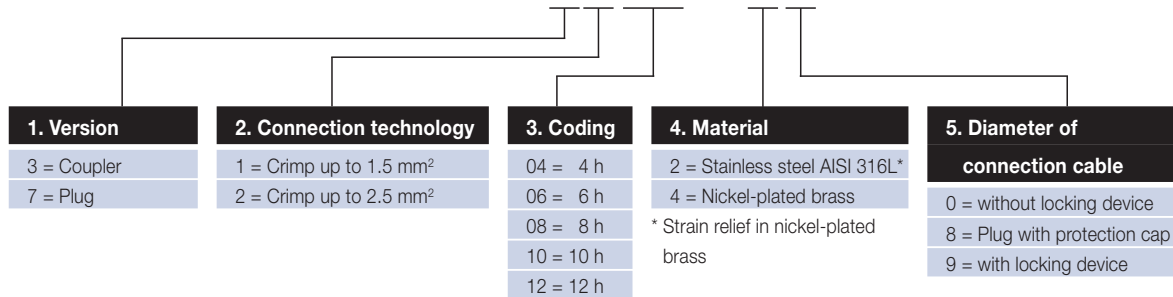
**Ordering details**

Voltage	No. of poles	Coding	Connection	Thread	
				M25 x 1.5 Order No.	3/4" NPT Order No.
<b>Inlet made of stainless steel for V &gt; 2000 cm<sup>3</sup></b>					
110 V AC	6-pol + PE	4 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 572 6104 R1001</b>	<b>GHG 572 6104 R5001</b>
110 V AC	6-pol + PE	4 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 572 6204 R1001</b>	<b>GHG 572 6204 R5001</b>
230 V AC	6-pol + PE	6 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 572 6106 R1001</b>	<b>GHG 572 6106 R5001</b>
230 V AC	6-pol + PE	6 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 572 6206 R1001</b>	<b>GHG 572 6206 R5001</b>
24 V DC	7-pol	8 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 572 6108 R1001</b>	<b>GHG 572 6108 R5001</b>
24 V DC	7-pol	8 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 572 6208 R1001</b>	<b>GHG 572 6208 R5001</b>
400 V AC	6-pol + PE	10 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 572 6110 R1001</b>	<b>GHG 572 6110 R5001</b>
400 V AC	6-pol + PE	10 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 572 6210 R1001</b>	<b>GHG 572 6210 R5001</b>
24 V AC	6-pol + PE	12 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 572 6112 R1001</b>	<b>GHG 572 6112 R5001</b>
24 V AC	6-pol + PE	12 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 572 6212 R1001</b>	<b>GHG 572 6212 R5001</b>
<b>Inlet made of nickel-plated brass V &gt; 2000 cm<sup>3</sup></b>					
110 V AC	6-pol + PE	4 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 572 6104 R3001</b>	<b>GHG 572 6104 R6001</b>
110 V AC	6-pol + PE	4 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 572 6204 R3001</b>	<b>GHG 572 6204 R6001</b>
230 V AC	6-pol + PE	6 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 572 6106 R3001</b>	<b>GHG 572 6106 R6001</b>
230 V AC	6-pol + PE	6 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 572 6206 R3001</b>	<b>GHG 572 6206 R6001</b>
24 V DC	7-pol	8 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 572 6108 R3001</b>	<b>GHG 572 6108 R6001</b>
24 V DC	7-pol	8 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 572 6208 R3001</b>	<b>GHG 572 6208 R6001</b>
400 V AC	6-pol + PE	10 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 572 6110 R1001</b>	<b>GHG 572 6110 R5001</b>
400 V AC	6-pol + PE	10 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 572 6210 R1001</b>	<b>GHG 572 6210 R5001</b>
24 V AC	6-pol + PE	12 h	30 cm multi wire 1.5 mm <sup>2</sup>	<b>GHG 572 6112 R3001</b>	<b>GHG 572 6112 R6001</b>
24 V AC	6-pol + PE	12 h	30 cm multi wire 2.5 mm <sup>2</sup>	<b>GHG 572 6212 R3001</b>	<b>GHG 572 6212 R6001</b>



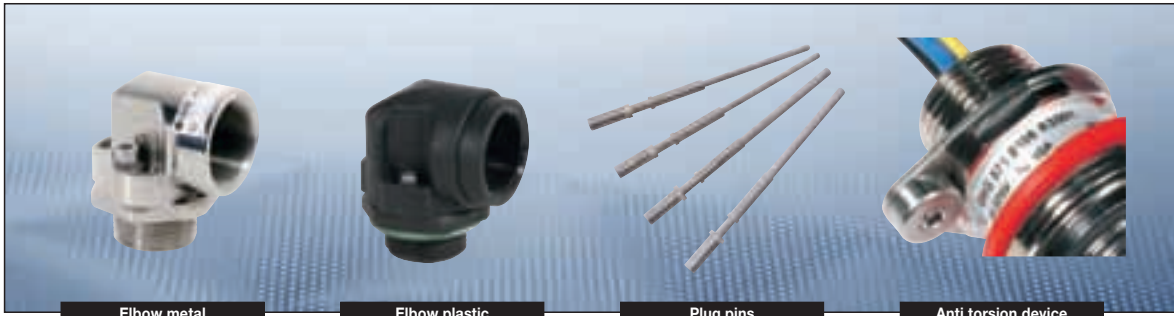
**Ordering key eXLink plug/coupler for armoured cables**

# GHG 572 XXXX RXX01



**Ordering details**

Voltage	No. of poles	Coding	Connection	Diameter of connection cable 16 - 26 mm	
				Plug Order No.	Coupler Order No.
<b>Plug/coupler made of stainless steel for armoured cables</b>					
110 V AC	6-pol + PE	4 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 572 7104 R2001</b>	<b>GHG 572 3104 R2001</b>
110 V AC	6-pol + PE	4 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 572 7204 R2001</b>	<b>GHG 572 3204 R2001</b>
230 V AC	6-pol + PE	6 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 572 7106 R2001</b>	<b>GHG 572 3106 R2001</b>
230 V AC	6-pol + PE	6 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 572 7206 R2001</b>	<b>GHG 572 3206 R2001</b>
24 V DC	7-pol	8 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 572 7108 R2001</b>	<b>GHG 572 3108 R2001</b>
24 V DC	7-pol	8 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 572 7208 R2001</b>	<b>GHG 572 3208 R2001</b>
400 V AC	6-pol + PE	10 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 572 7110 R2001</b>	<b>GHG 572 3110 R2001</b>
400 V AC	6-pol + PE	10 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 572 7210 R2001</b>	<b>GHG 572 3210 R2001</b>
24 V AC	6-pol + PE	12 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 572 7112 R2001</b>	<b>GHG 572 3112 R2001</b>
24 V AC	6-pol + PE	12 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 572 7212 R2001</b>	<b>GHG 572 3212 R2001</b>
<b>Plug/coupler made of nickel-plated brass for armoured cables</b>					
110 V AC	6-pol + PE	4 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 572 7104 R4001</b>	<b>GHG 572 3104 R4001</b>
110 V AC	6-pol + PE	4 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 572 7204 R4001</b>	<b>GHG 572 3204 R4001</b>
230 V AC	6-pol + PE	6 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 572 7106 R4001</b>	<b>GHG 572 3106 R4001</b>
230 V AC	6-pol + PE	6 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 572 7206 R4001</b>	<b>GHG 572 3206 R4001</b>
24 V DC	7-pol	8 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 572 7108 R4001</b>	<b>GHG 572 3108 R4001</b>
24 V DC	7-pol	8 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 572 7208 R4001</b>	<b>GHG 572 3208 R4001</b>
400 V AC	6-pol + PE	10 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 572 7110 R4001</b>	<b>GHG 572 3110 R4001</b>
400 V AC	6-pol + PE	10 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 572 7210 R4001</b>	<b>GHG 572 3210 R4001</b>
24 V AC	6-pol + PE	12 h	Crimp up to 1.5 mm <sup>2</sup>	<b>GHG 572 7112 R4001</b>	<b>GHG 572 3112 R4001</b>
24 V AC	6-pol + PE	12 h	Crimp up to 2.5 mm <sup>2</sup>	<b>GHG 572 7212 R4001</b>	<b>GHG 572 3212 R4001</b>



Elbow metal

Elbow plastic

Plug pins

Anti torsion device

**Ordering key eXLink elbow**

# GHG 572 1000 RX001

**Material**

0 = Plastic

1 = Stainless steel AISI 316L

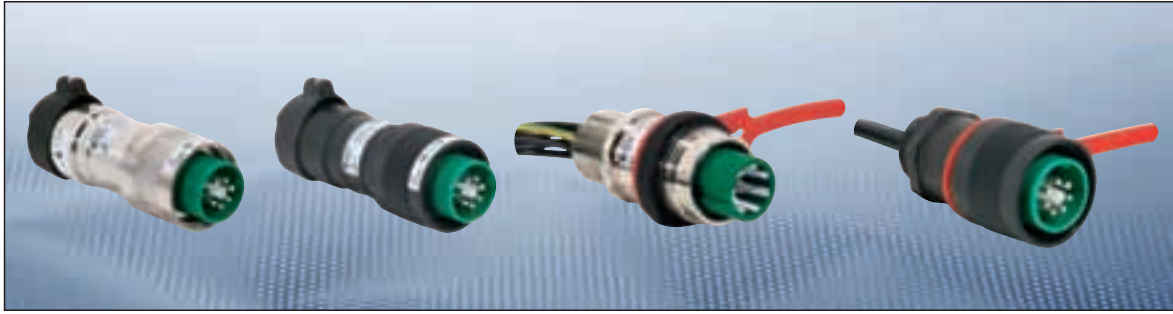
3 = Nickel-plated brass

**Ordering details**

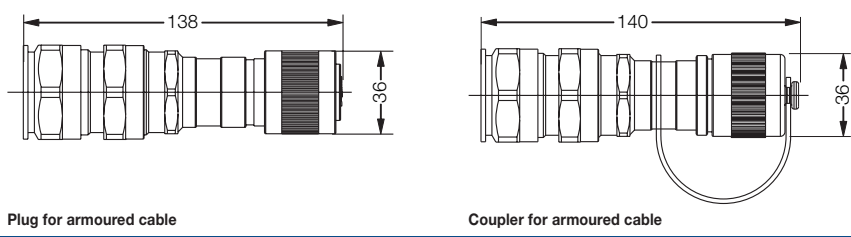
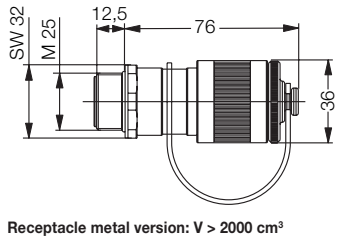
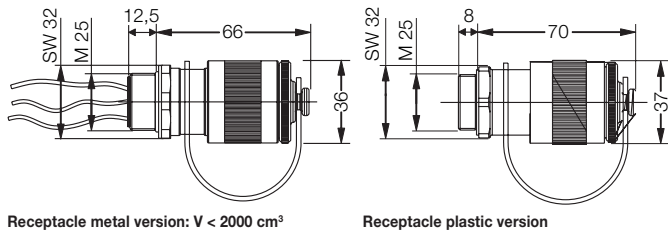
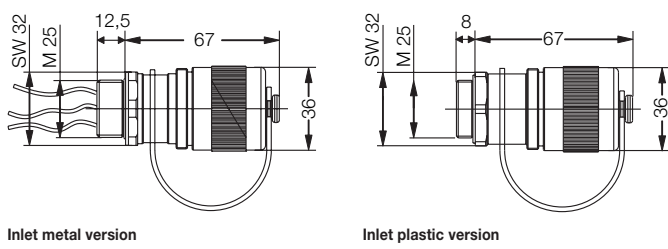
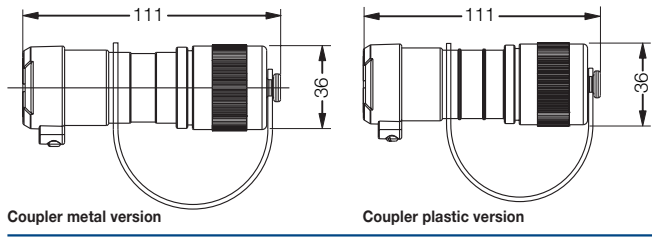
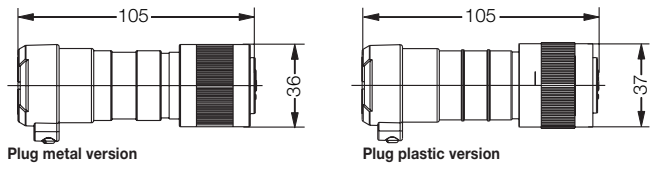
Type	Material	Order No.
Elbow M25	Plastic	<b>GHG 572 1000 R0001</b>
Elbow M25	Stainless steel AISI 316L	<b>GHG 572 1000 R1001</b>
Elbow M25	Nickel-plated brass	<b>GHG 572 1000 R3001</b>

**Accessories**

Type	BE	Order No.
Set of socket contacts 1.5 mm <sup>2</sup> , 7-pole	1	<b>GHG 570 1905 R0005</b>
Set of socket contacts 2.5 mm <sup>2</sup> , 7-pole	1	<b>GHG 570 1905 R0006</b>
Crimp tool for eXLink	1	<b>GHG 570 1902 R0001</b>
Plastic protection cap connector/receptacle 7-pole	1	<b>GHG 570 1903 R0005</b>
Plastic protection cap plug/inlet 7-pole	1	<b>GHG 570 1903 R0006</b>
Brass protection cap connector/receptacle 7-pole	1	<b>GHG 570 1903 R0007</b>
Brass protection cap plug/inlet 7-pole	1	<b>GHG 570 1903 R0008</b>
Set of plug pins 1.5 mm <sup>2</sup> , 6-pole + PE (PE leading AC)	1	<b>GHG 570 1904 R0007</b>
Set of plug pins 1.5 mm <sup>2</sup> , 7-pole (lagging DC)	1	<b>GHG 570 1904 R0008</b>
Set of plug pins 2.5 mm <sup>2</sup> , 6-pole + PE (PE leading AC)	1	<b>GHG 570 1904 R0009</b>
Set of plug pins 2.5 mm <sup>2</sup> , 7-pole (lagging DC)	1	<b>GHG 570 1904 R0010</b>
Screw driver for cage clamp	1	<b>GHG 570 1908 R0001</b>
Strain relief and seal 7 - 11 mm	1	<b>GHG 570 1907 R0003</b>
Strain relief and seal 11 - 15 mm	1	<b>GHG 570 1907 R0004</b>
Strain relief and seal + PE connection 7 - 11	1	<b>GHG 570 1907 R0005</b>
Strain relief and seal + PE connection 11-15	1	<b>GHG 570 1907 R0005</b>
Anti torsion device	1	<b>GHG 570 1901 R0003</b>



**Dimension drawings eXLink 6+1-pole**



Dimensions in mm



## Technical data

### Y-Junction-box / Y-Adaptor

Marking to 94/9/EC	Ⓔ II 2 G / Ⓔ II 2D IP66 T 80° C / T 95° C	
Type of protection	EEx de IIC T6/T5	
EC-Type Examination Certificate	PTB 05 ATEX 1084	
Rated voltage	AC up to 250 V, 50/60 Hz / DC up to 60 V	
Rated current		
with terminal block	AC - max. 9.3 A	DC - max. 2.5 A
without terminal block	AC - max. 10.0 A	DC - max. 2.5 A
Back-up fuse max. without thermal protection	10 A	
Back-up fuse max. with thermal protection	20 A gL	
Breaking capacity acc. to EN 61 984:	AC - 250 V / 10.0 A	DC - 60 V/ 2.5 A
Breaking capacity acc. to EN 60 947-4:	AC 3 - 250 V / 1.0 A	DC 3 - 60 V/ 0.5 A
Frequency range	0-100 MHz, fast Ethernet compatible	
Transmission performance acc. to TIA/EIA-568-B.2	Category 5e up to 100 Mbaud	
Permissible ambient temperature	- 20 °C up to + 40 °C	
Extended temperature range	- 55 °C up to + 75 °C (dept. on current/wire)	
Store temperature in original wrapping	- 55 °C up to + 80 °C	
Degree of protection EN 60529	IP66/IP 68 with closed and locked protective caps or duly plugged and locked components	
Insulation class acc. EN 60598	II / I	
Wire cross section Y-adaptor		
multi wire	0.34 mm <sup>2</sup> - 1.5 mm <sup>2</sup>	
extra fine wire	0.34 mm <sup>2</sup> - 0.75 mm <sup>2</sup>	
Cable entry Y-adaptor	Ø 4 - 7.5 mm / Ø 7.5 - 11 mm	
Enclosure material	Polyamide (PA)	



### Y-junction-box

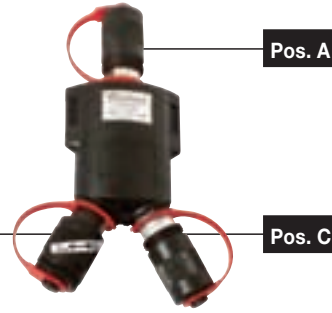
2 x cable glands



Inlet or receptacle

### Y-Adaptor

Inlet or receptacle



Pos. A

Pos. B

Inlet/inlet  
or  
inlet/receptacle

Pos. C

## Ordering key Y-junction-box

### 7. Diameter of connection cable<sup>1)</sup>

1 = 4.0 – 7.5 mm

2 = 7.5 – 11 mm

# GHG 57X X6XX RXX0X

1. Pole No.	2. Type	4. Coding	5. Material <sup>1)</sup>	6. Locking device
5 = 4-pole 6 = 4-pole + PE	1 = Y-junction box inlet with cable entry 2 = Y-junction box receptacle with cable entry	01 = 1 h 02 = 2 h 04 = 4 h 05 = 5 h 06 = 6 h 08 = 8 h 10 = 10 h 12 = 12 h	0 = eXLink in plastic version 1 = eXLink in stainless steel version 3 = eXLink in nickel-plated version	0 = without 9 = with

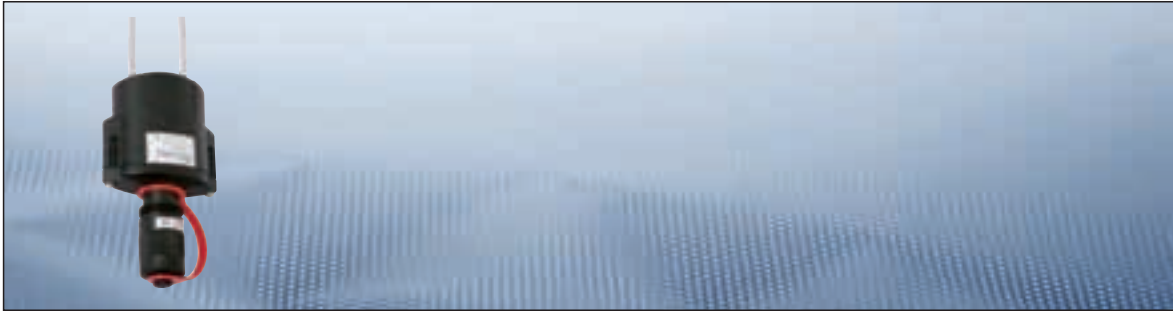
<sup>1)</sup> Enclosure material made of plastic (PA)

## Ordering key Y-Adaptor

# GHG 57X XXXXX RXXXX

1. Pole No.	2. Type	3. Coding	4. Material <sup>1)</sup>	5. Locking device
5 = 4-pole 6 = 4-pole + PE	8 = Y-Adaptor Inlet (A) Receptacle (B) Receptacle (C) 9 = Y-Adaptor Receptacle (A) Inlet (B) Receptacle (C)	Pos. A - B - C: 01 = 1 h Pos. A - B - C: 02 = 2 h Pos. A - B - C: 04 = 4 h Pos. A - B - C: 05 = 5 h Pos. A - B - C: 06 = 6 h Pos. A - B - C: 08 = 8 h Pos. A - B - C: 10 = 10 h Pos. A - B - C: 12 = 12 h	0 = eXLink in plastic version 1 = eXLink in stainless steel version 3 = eXLink in nickel-plated version	0 = ohne 1 = A / - / - 2 = - / B / - 3 = - / - / C 4 = A / B / C 5 = A / B / - 6 = A / - / C 7 = - / B / C

<sup>1)</sup> Enclosure material made of plastic (PA)



7. Diameter of connection cable<sup>1)</sup>

1 = 4.0 – 7,5 mm
2 = 7,5 – 11 mm

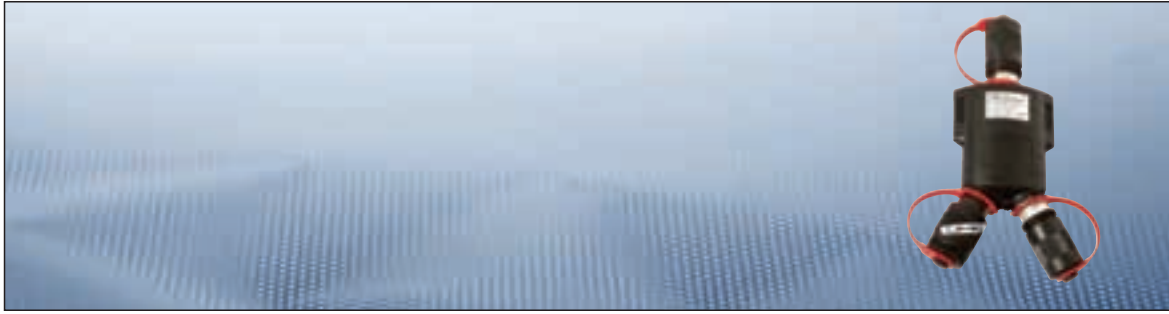
# GHG 57X X6XX RXX0X

1. Pole No.	2. Type	4. Coding	5. Material <sup>1)</sup>	6. Locking device
5 = 4-pole 6 = 4-pole + PE	1 = Y-Junction box inlet with cable entry 2 = Y-Junction box receptacle with cable entry	01 = 1 h 02 = 2 h 04 = 4 h 05 = 5 h 06 = 6 h 08 = 8 h 10 = 10 h 12 = 12 h	0 = eXLink in plastic version 1 = eXLink in stainless steel version 3 = eXLink in nickel-plated brass version	0 = without 9 = with

<sup>1)</sup> Enclosure material made of plastic (PA)

## Ordering details

Voltage	No. of poles	Coding	Connection	Diameter of connection cable	
				4.5 – 7 mm Order No.	7 – 11 mm Order No.
<b>Y-Junction-box with eXLink inlet made of plastic version</b>					
Ethernet/Bus	4-pol + PA	1 h	Cage clamp 1.5 mm <sup>2</sup>	<b>GHG 576 1601 R0001</b>	<b>GHG 576 1601 R0002</b>
110 V AC	2-pol + PE	4 h	Cage clamp 1.5 mm <sup>2</sup>	<b>GHG 575 1604 R0001</b>	<b>GHG 575 1604 R0002</b>
110 V AC	2-pol + PE	4 h	Cage clamp 2.5 mm <sup>2</sup>	<b>GHG 575 1704 R0001</b>	<b>GHG 575 1704 R0002</b>
24 V DC	4-pol + PA	5 h	Cage clamp 1.5 mm <sup>2</sup>	<b>GHG 576 1605 R0001</b>	<b>GHG 576 1605 R0002</b>
24 V DC	4-pol + PA	5 h	Cage clamp 2.5 mm <sup>2</sup>	<b>GHG 576 1705 R0001</b>	<b>GHG 576 1705 R0002</b>
230 V AC	2-pol + PE	6 h	Cage clamp 1.5 mm <sup>2</sup>	<b>GHG 575 1606 R0001</b>	<b>GHG 575 1606 R0002</b>
230 V AC	2-pol + PE	6 h	Cage clamp 2.5 mm <sup>2</sup>	<b>GHG 575 1706 R0001</b>	<b>GHG 575 1706 R0002</b>
24 V DC	4-pol	8 h	Cage clamp 1.5 mm <sup>2</sup>	<b>GHG 575 1608 R0001</b>	<b>GHG 575 1608 R0002</b>
24 V DC	4-pol	8 h	Cage clamp 2.5 mm <sup>2</sup>	<b>GHG 575 1708 R0001</b>	<b>GHG 575 1708 R0002</b>
230 V AC	4-pol + PE	10 h	Cage clamp 1.5 mm <sup>2</sup>	<b>GHG 576 1610 R0001</b>	<b>GHG 576 1610 R0002</b>
230 V AC	4-pol + PE	10 h	Cage clamp 2.5 mm <sup>2</sup>	<b>GHG 576 1710 R0001</b>	<b>GHG 576 1710 R0002</b>
24 V AC	2-pol + PE	12 h	Cage clamp 1.5 mm <sup>2</sup>	<b>GHG 575 1612 R0001</b>	<b>GHG 575 1612 R0002</b>
24 V AC	2-pol + PE	12 h	Cage clamp 2.5 mm <sup>2</sup>	<b>GHG 575 1712 R0001</b>	<b>GHG 575 1712 R0002</b>
<b>Y-Junction-box with eXLink inlet made of stainless steel version</b>					
Ethernet/Bus	4-pol + PA	1 h	Cage clamp 1.5 mm <sup>2</sup>	<b>GHG 576 2601 R1001</b>	<b>GHG 576 2601 R1002</b>
110 V AC	2-pol + PE	4 h	Cage clamp 1.5 mm <sup>2</sup>	<b>GHG 575 1604 R1001</b>	<b>GHG 575 1604 R1002</b>
110 V AC	2-pol + PE	4 h	Cage clamp 2.5 mm <sup>2</sup>	<b>GHG 575 1704 R1001</b>	<b>GHG 575 1704 R1002</b>
24 V DC	4-pol + PA	5 h	Cage clamp 1.5 mm <sup>2</sup>	<b>GHG 576 1605 R1001</b>	<b>GHG 576 1605 R1002</b>
24 V DC	4-pol + PA	5 h	Cage clamp 2.5 mm <sup>2</sup>	<b>GHG 576 1705 R1001</b>	<b>GHG 576 1705 R1002</b>
230 V AC	2-pol + PE	6 h	Cage clamp 1.5 mm <sup>2</sup>	<b>GHG 575 1606 R1001</b>	<b>GHG 575 1606 R1002</b>
230 V AC	2-pol + PE	6 h	Cage clamp 2.5 mm <sup>2</sup>	<b>GHG 575 1706 R1001</b>	<b>GHG 575 1706 R1002</b>
<b>Receptacle made of plastic version</b>					
Ethernet/Bus	4-pol + PA	1 h	Cage clamp 1.5 mm <sup>2</sup>	<b>GHG 576 2601 R0001</b>	<b>GHG 576 2601 R0002</b>
110 V AC	2-pol + PE	4 h	Cage clamp 1.5 mm <sup>2</sup>	<b>GHG 575 2604 R0001</b>	<b>GHG 575 2604 R0002</b>
110 V AC	2-pol + PE	4 h	Cage clamp 2.5 mm <sup>2</sup>	<b>GHG 575 2704 R0001</b>	<b>GHG 575 2704 R0002</b>
24 V DC	4-pol + PA	5 h	Cage clamp 1.5 mm <sup>2</sup>	<b>GHG 576 2605 R0001</b>	<b>GHG 576 2605 R0002</b>
24 V DC	4-pol + PA	5 h	Cage clamp 2.5 mm <sup>2</sup>	<b>GHG 576 2705 R0001</b>	<b>GHG 576 2705 R0002</b>
230 V AC	2-pol + PE	6 h	Cage clamp 1.5 mm <sup>2</sup>	<b>GHG 575 2606 R0001</b>	<b>GHG 575 2606 R0002</b>
230 V AC	2-pol + PE	6 h	Cage clamp 2.5 mm <sup>2</sup>	<b>GHG 575 2706 R0001</b>	<b>GHG 575 2706 R0002</b>



## GHG 57X XXXXX RXXXX

1. Pole No.	2. Type	3. Coding	4. Material <sup>1)</sup>	5. Locking device
5 = 4-pole 6 = 4-pole + PE	1 = Y-Junction box inlet with cable entry  2 = Y-Junction box receptacle with cable entry	Pos. A - B - C: 01 = 1 h Pos. A - B - C: 02 = 2 h Pos. A - B - C: 04 = 4 h Pos. A - B - C: 05 = 5 h Pos. A - B - C: 06 = 6 h Pos. A - B - C: 08 = 8 h Pos. A - B - C: 10 = 10 h Pos. A - B - C: 12 = 12 h	0 = eXLink in plastic version  1 = eXLink in stainless steel version  3 = eXLink in nickel-plated version	0 = without 1 = A / - / - 2 = - / B / - 3 = - / - / C 4 = A / B / C 5 = A / B / - 6 = A / - / C 7 = - / B / C

### Ordering details key Y-Adaptor

Voltage	No. of poles	Coding	Inlet/receptacle-receptacle Order No.	Receptacle/inlet-receptacle Order No.
Y-adaptor with eXLink inlet made of plastic version				
Ethernet/Bus	4-pol. + PA	1 h	GHG 576 80101 R0100	GHG 576 90101 R0100
110 V AC	2-pol. + PE	4 h	GHG 575 80404 R0400	GHG 575 90404 R0400
24 V DC	4-pol. + PA	5 h	GHG 576 80505 R0500	GHG 576 90505 R0500
230 V AC	2-pol. + PE	6 h	GHG 575 80606 R0600	GHG 575 90606 R0600
24 V DC	4-pol.	8 h	GHG 575 80808 R0800	GHG 575 90808 R0800
230 V AC	4-pol. + PE	10 h	GHG 576 81010 R1000	GHG 576 91010 R1000
24 V AC			GHG 576 81210 R1200	GHG 576 91210 R1200

Voltage	No. of poles	Coding	Inlet/receptacle-receptacle Order No.	Receptacle/inlet-receptacle Order No.
Y-adaptor with eXLink inlet made of stainless steel version				
Ethernet/Bus	4-pol. + PA	1 h	GHG 576 80101 R0110	GHG 576 90101 R0110
110 V AC	2-pol. + PE	4 h	GHG 575 80404 R0410	GHG 575 90404 R0410
24 V DC	4-pol. + PA	5 h	GHG 576 80505 R0510	GHG 576 90505 R0510
230 V AC	2-pol. + PE	6 h	GHG 575 80606 R0610	GHG 575 90606 R0610
24 V DC	4-pol.	8 h	GHG 575 80808 R0810	GHG 575 90808 R0810
230 V AC	4-pol. + PE	10 h	GHG 576 81010 R1110	GHG 576 91010 R1110
24 V AC			GHG 576 81210 R1210	GHG 576 91210 R1210

Voltage	No. of poles	Coding	Inlet/receptacle-receptacle Order No.	Receptacle/inlet-receptacle Order No.
Receptacle made of plastic version				
Ethernet/Bus	4-pol. + PA	1 h	GHG 576 80301 R0130	GHG 576 90301 R0130
110 V AC	2-pol. + PE	4 h	GHG 575 80404 R0430	GHG 575 90404 R0430
24 V DC	4-pol. + PA	5 h	GHG 576 80505 R0530	GHG 576 90505 R0530
230 V AC	2-pol. + PE	6 h	GHG 575 80606 R0630	GHG 575 90606 R0630
24 V DC	4-pol.	8 h	GHG 575 80808 R0830	GHG 575 90808 R0830
230 V AC	4-pol. + PE	10 h	GHG 576 83030 R1130	GHG 576 93030 R1130
24 V AC			GHG 576 83230 R1230	GHG 576 93230 R1230

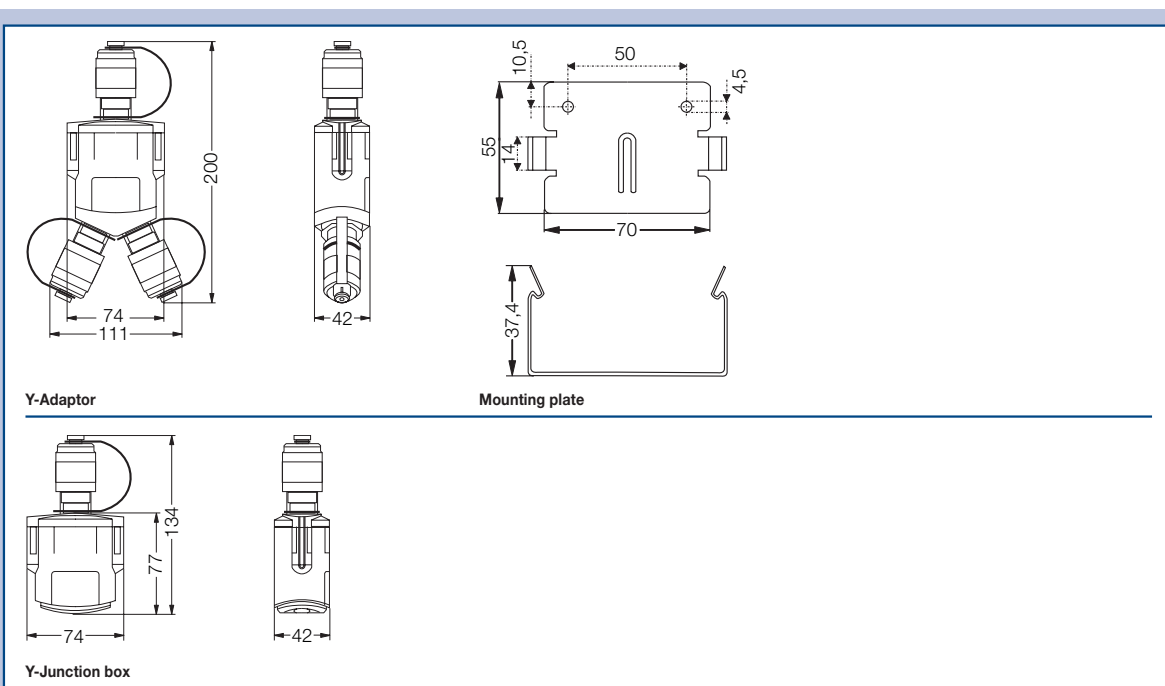
**Ex-protected connectors eXLink**



**Accessories**

Type	BE	Version			Order No.
		3+PE	4 pol.	4+PE	
Plastic protection cap connector/receptacle	1	X	X	X	<b>GHG 570 1903 R0001</b>
Plastic protection cap plug/inlet	1	X	X	X	<b>GHG 570 1903 R0002</b>
Brass protection cap connector/receptacle	1	X	X	X	<b>GHG 570 1903 R0003</b>
Brass protection cap plug/inlet	1	X	X	X	<b>GHG 570 1903 R0004</b>
Strain relief and seal 4 - 7.5 mm	1	X	X	X	<b>GHG 570 1907 R0001</b>
Strain relief and seal 7.5 - 11 mm	1	X	X	X	<b>GHG 570 1907 R0002</b>
Mounting plate	1	X	X	X	<b>GHG 570 1914 R0001</b>

**Dimension drawings**



Dimensions in mm



## INSTALLATION TECHNOLOGY MADE EASY -

### Pre-assembled branching/terminal boxes

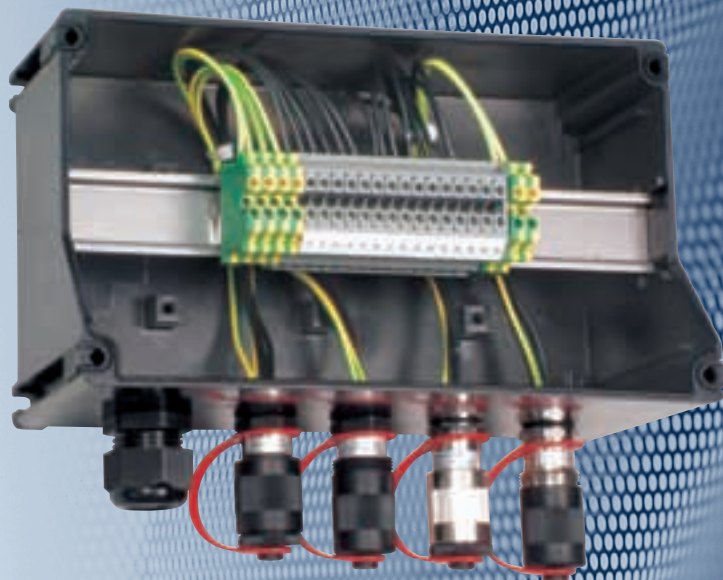
Each user can enjoy the benefits of the **eXLink** with the pre-assembled branching boxes without having to first perform additional wiring work.

Typical applications such as energy distribution, power supply for modules or bus technology can be performed at a reasonable price.

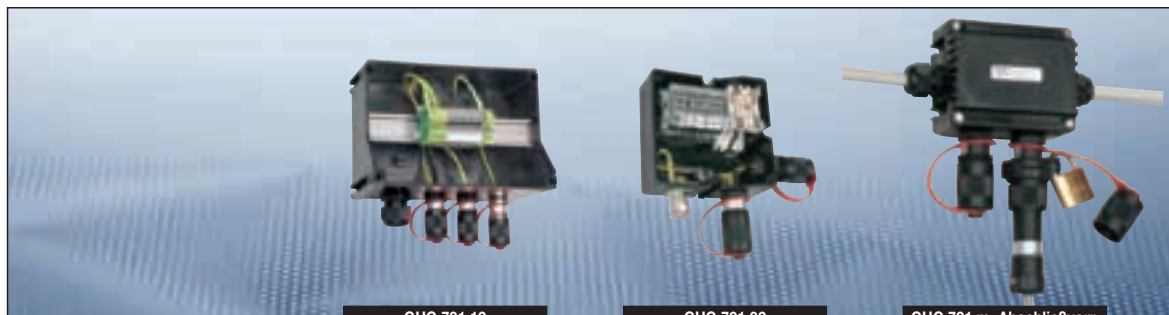
For example, a control unit can be quickly and safely connected to a pre-assembled **eXLink** branching box and disconnected using **eXLink** plugs, leading to cost and time savings during servicing and repair work. An additional disconnecter is no longer required.

If terminal boxes are used for distributing bus cables, these can also be plugged in "hot" with **eXLink**. This makes diagnosis or re-configuration much easier. There is no need to waste time isolating devices, and possibly having to shut down a machine in the process.

Cables with **eXLink** plugs and coupler can be reader made for your special requirements in different lengths and versions. There with you can immediately are all benefits of the **eXLink** system.



- Pre-assembled **eXLink** connectors wired on terminals
- for all standard connection types up to 4-pole + PE
- Nominal current up to 10 A per connector
- Compatible with Ethernet® and Fast Ethernet®-Bus



## Technical data

### Type 791 01 | Type 791 02 | Type 731 12

Rated voltage	690 V / 250 V eXLink
Rated current	limited by terminal arrangement and eXLink
Degree of protection EN 60529	IP 66
Terminal cross section	up to 4 mm <sup>2</sup> depends on terminal arrangement

### Type 791 01

Marking to 94/9/EC	⊕ II 2 G / ⊕ II 2 D T58 °C
Type of protection	EEx de IIC T6 / EEx ia IIC T6
EC-Type Examination Certificate	PTB 00 ATEX 3108
Enclosure material	Polyamide
Weight	approx. 0.5 kg

### Type 791 02

Marking to 94/9/EC	⊕ II 2 G / ⊕ II 2 D T58 °C
Type of protection	EEx de IIC T6 / EEx ia IIC T6
EC-Type Examination Certificate	PTB 00 ATEX 3108
Enclosure material	Polyamide
Weight	approx. 0.7 kg

### Type 731 12

Marking to 94/9/EC	⊕ II 2 G / ⊕ II 2 D T80 °C
Type of protection	EEx e II T6 / EEx ia IIC T6 / EEx e [ia] IIC T6
EC-Type Examination Certificate	PTB 99 ATEX 1044
Enclosure material	Glass-fibre reinforced polyester
Weight	approx. 1.4 kg

**| Explosion protected terminal boxes eXLink |**



GHG 791 with locking device

**Ordering details GHG 79101**

Coding Hour	Components	Cable glands	Terminals	Order No.
<b>Ordering details for ready made, prewired terminal boxes</b>				
230 V AC 10h	2 x Receptacle GHG 574 8210 R 0001	2x M20	4 x 2.5 mm <sup>2</sup> 1 x PE/PA 4 x 2.5 mm <sup>2</sup>	<b>GHG 791 0101 R 5006</b>
230 V AC 10h	2x Receptacle GHG 574 8210 R 3001	2 x M20 thread plug	4 x 2.5 mm <sup>2</sup> 1 x PE/PA 2 x 2.5 mm <sup>2</sup>	<b>GHG 791 0101 R 5106</b>
24 V DC 8h	1 x Receptacle GHG 571 8108 R 0001	2 x M20 1 x M20 thread plug	4 x 2.5 mm <sup>2</sup> 1 x PE/PA 4 x 2.5 mm <sup>2</sup>	<b>GHG 791 0101 R 5201</b>
24 V DC 8h	1 x Receptacle GHG 571 8108 R 0001	1 x M20	4 x 2.5 mm <sup>2</sup> 1 x PE/PA 4 x 2.5 mm <sup>2</sup>	<b>GHG 791 0101 R 5202</b>
230 V AC 10h	1 x Receptacle GHG5748110R0001	1 x M25	4 x 2.5 mm <sup>2</sup> 1x PE/PA	<b>GHG 791 0101 R 5203</b>
230 V AC 6h	1 x Receptacle GHG 571 8106 R 0001	2 x M20 1 x M20 thread plug	4 x 2.5 mm <sup>2</sup> 1 x PE/PA 2 x 2.5 mm <sup>2</sup>	<b>GHG 791 0101 R 5206</b>
24 V DC 8h	1 x Receptacle GHG 571 8208 R 0001	2 x M20 1 x M20 thread plug	4 x 2.5mm <sup>2</sup> 1 x PE/PA 4 x 2.5 mm <sup>2</sup>	<b>GHG 791 0101 R 5208</b>
230V AC 10h	1 x Receptacle lockable GHG 574 8110 R 0901	1 x M25	4 x 2.5mm <sup>2</sup> 1 x PE/PA	<b>GHG 791 0101 R 5210</b>
24 V AC 12h	1 x Receptacle GHG 571 8112 R 0001	2 x M20 3 x M20 thread plug	2 x 2.5mm <sup>2</sup> 1 x PE/PA 4 x 2.5 mm <sup>2</sup>	<b>GHG 791 0101 R 5212</b>
24 V DC 8h	1 x Receptacle GHG 571 8108 R 0001	1 x M20	4 x 2.5mm <sup>2</sup> 1 x PE/PA 4 x 2.5 mm <sup>2</sup>	<b>GHG 791 0101 R 5213</b>
230 V AC 6h	1 x Receptacle GHG 571 8106 R 0002	1 x M20	2 x 2.5 mm <sup>2</sup> 1 x PE/PA 4 x 2.5 mm <sup>2</sup>	<b>GHG 791 0101 R 5214</b>
230 V AC 10h	Receptacle GHG 574 8110 R0001	1 x M20, 1 x M25	4 x 2.5 mm <sup>2</sup> 1x PE/PA	<b>GHG 791 0101 R 5203</b>
24 V AC 12h	1 x Receptacle GHG 571 8112 R 0001	1 x M20	2 x 2.5 mm <sup>2</sup> 1 x PE/PA 2 x 2.5 mm <sup>2</sup>	<b>GHG 791 0101 R 5204</b>
24 V DC 5h	1x Receptacle GHG 574 8105 R0001	1 x M25	6 x Klemme 0.5 - 2.5 mm <sup>2</sup> + 1 x PE/PA	<b>GHG 791 0101 R 5215</b>
230 V AC 6h	1 x Receptacle GHG 571 8106 R 0001	1 x M20	2 x Klemme 0.5 - 2.5 mm <sup>2</sup> + 1 x PE/PA	<b>GHG 791 0101 R 5216</b>

Other types on request





GHG 731 12

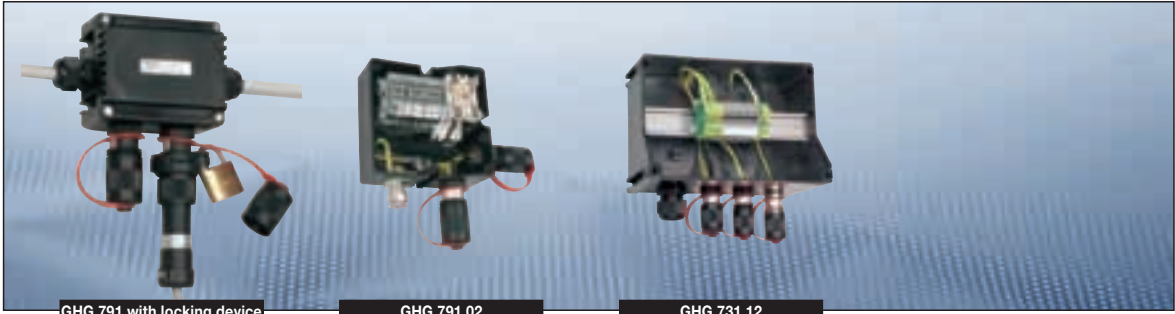
GHG 791 02

## Ordering details

Coding Hour	Components	Cable glands	Terminals	Order No.
Ordering details for ready made, prewired terminal boxes GHG 791 02				
24 V DC 8h / 12h	1 x Receptacle GHG 571 8108 R 0001	1 x M20 blue	12 x 2.5 mm <sup>2</sup> 1 x PE/PA	<b>GHG 791 0201 R 5002</b>
230 V AC 6h	1 x Receptacle GHG 571 8112 R 0001 1 x Receptacle GHG 571 8106 R 0001	1 x M25	5 x 2.5 mm <sup>2</sup> 2x PE/PA	<b>GHG 791 0201 R 5001</b>
Coding Hour	Components	Cable glands	Terminals	Order No.
Ordering details for ready made, prewired terminal boxes GHG 731 12				
24 V DC 8h	3 x Receptacle GHG 571 8108 R 0001	1 x M25 blue	12 x 2.5 mm <sup>2</sup> 1 x PE/PA	<b>GHG 731 1201 R 5001</b>

Other types and sizes on request

**| Explosion protected terminal boxes eXLink |**

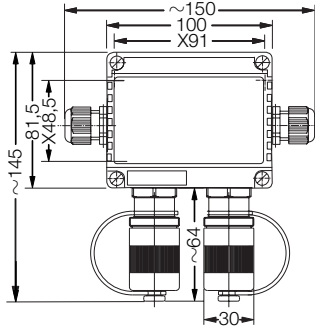


GHG 791 with locking device

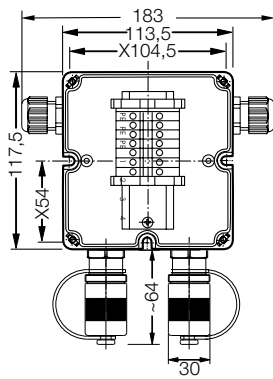
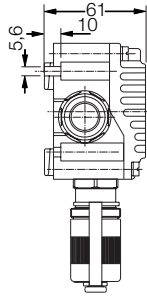
GHG 791 02

GHG 731 12

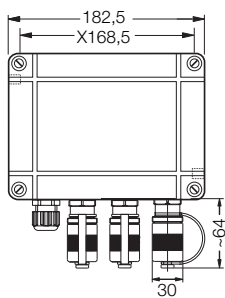
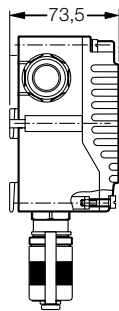
**Dimension drawings eXLink**



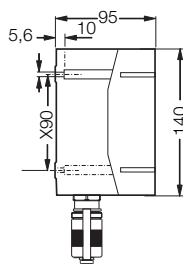
Type 791 01



Type 791 01



Type 731 12



Dimensions in mm



30080002011/5/02.07/SL  
Technical details subject to alteration.  
Valid from February 2007

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