eXLink ethernet connectors
for harsh & hazardous rated areas

Now available for LAN/ethernet applications.

Ethernet communications provide speed, versatility and ease of use that boosts performance of process and automation systems. Eaton eXLink Ethernet connectors utilize Ex-de technology bringing the plug-and-play efficiency of Ethernet networking directly into the hazardous area.
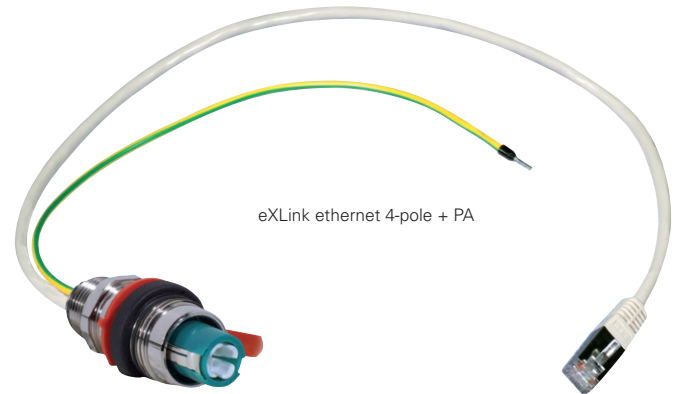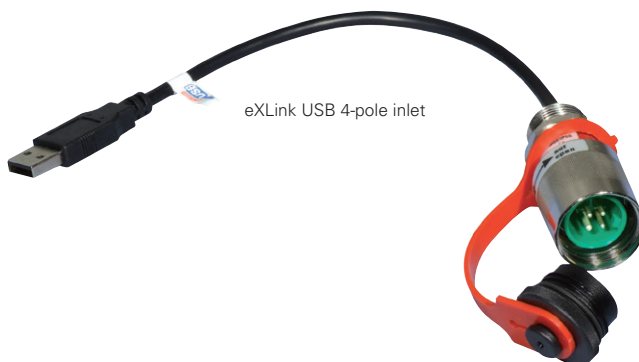
Fast and simple networking.

eXLink makes hazardous area Ethernet networking possible without the use of intrinsically safe barriers. This increases the efficiency of bus architecture and reduces susceptibility to faults resulting in lower costs.

With transfer rates up to 100Mbaud, eXLink connectors provide the real time hot swap performance of Ethernet with the high safety standards of explosive areas.

eXLink ethernet 4-pole + PA

Features:

- Hot swap connectivity
- Compact design
- Simple assembly
- High degree of protection IP66 / IP68
- Ambient temperature -55 °C to +40 °C
- Frequency range up to 100 MHz or USB 2.0
- Transfer rate up to 100 MBaud (Ethernet)
- Available for 10 BASE-T, 100 BASE-T

Certifications and compliances:

NEC & CEC

- Class I, Zone I AEx de IIC T6 Gb
- Class 1, Division 2 Groups A,B,C,D T6
- IP66 or IP68 rating with closed and locked protective caps or duly plugged and locked components

CSA standard

- cCSAus Certification CSA08.1998591X

IEC/ATEX

- ⟨Ex⟩ II 2 G Ex de IIC T6 / ⟨Ex⟩ II 2 D tD A21 IP66 T80 °C
- PTB 03 ATEX 1016 X
- IECEx BKI 06.0005X
- Ex ed IIC T6 / Ex ia/ib IIC T6
- Ex tD A21 IP66 T80 °C

eXLink USB 4-pole inlet

EAT•N

Powering Business Worldwide

Specifications and ordering information

eXLink ethernet, 4-pole + PA
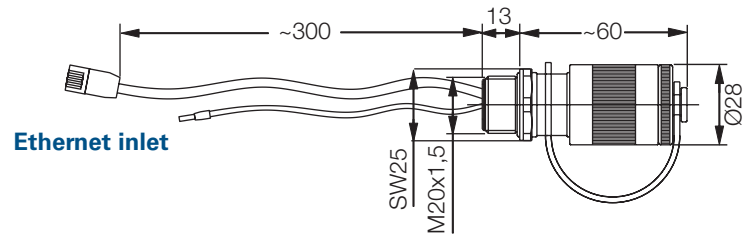
Electrical

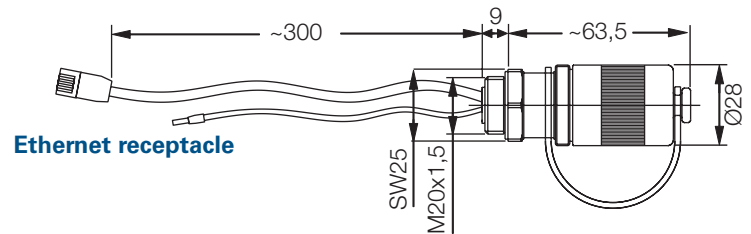|	
Rated voltage	BUS
Rated current	max. 1 A
Frequency range	0-100 MHz, Fast Ethernet® compatible
Terminal cross section	Ethernet-cable 300 mm CAT 5e with plug RJ 45 male/female1)
Transmission performance acc. to TIA/EIA-568-B.2	Category 5e up to 100 Mbaud

Ethernet inlet

Mechanical

Enclosure material	Nickel-plated brass or stainless steel 316L
Coding	1 h
Cable gland inlet and flange socket	M20 x 1.5 / 1/2" NPT

Ethernet receptacle

Ordering infromation - Nickel-plated brass

GHG 574 9101 R3002	eXLink Ethernet inlet with cable and RJ plug male
GHG 574 8101 R3002	eXLink Ethernet receptacle with cable and RJ plug male
GHG 574 7101 R3002	eXLink Ethernet cable mounted RJ plug male
GHG 574 3101 R3002	eXLink Ethernet cable mounted coupler

Ordering information - 316L stainless steel

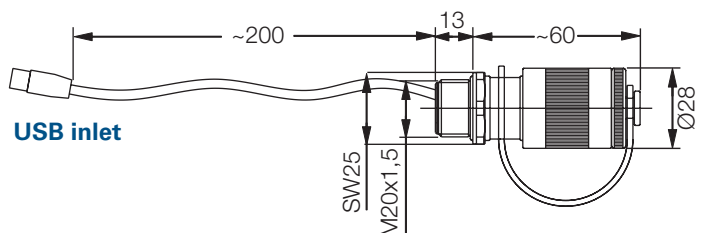|	
GHG 574 9101 R1002	eXLink Ethernet inlet with cable and RJ plug male
GHG 574 8101 R1002	eXLink Ethernet receptacle with cable and RJ plug male
GHG 574 7101 R1002	eXLink Ethernet cable mounted RJ plug male
GHG 574 3101 R1002	eXLink Ethernet cable mounted coupler

eXLink USB, 4-pole

Electrical

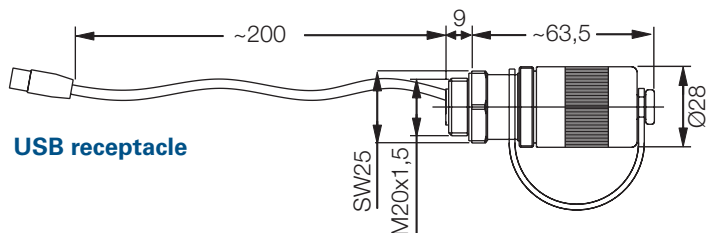|	
Rated voltage	BUS
Rated current	max. 1 A
Frequency range	USB 2.0
Terminal cross section	Data cable 200 mm with USB plug male/female

USB inlet

Mechanical

Enclosure material	Nickel-plated brass
Coding	2 h
Cable gland inlet and flange socket	M20 x 1.5 / 1/2" NPT

USB receptacle

Ordering information - inlets

GHG 571 9102 R3003	eXLink inlet with cable and USB plug male
GHG 571 9102 R3004	eXLink inlet with cable and USB coupler female

Ordering information - receptacles

GHG 571 8102 R3003	eXLink receptacle with cable and USB plug female
GHG 571 8102 R3004	eXLink receptacle with cable and USB plug male