

Exlink 7 pole/6 pole quick connectors Ex

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The quick connectors offered have been designed in accordance with currently applicable standards. They can be used even in explosion hazard zones 1, 2, 21 or 22. Two versions are available - eXLink 7-pole/6-pole + PE. Using the offered products, you can create a complete connection and disconnection system for various electrical systems.

Quick connectors come in several variants. They can be made of plastic, nickel-plated brass or stainless steel. A wide selection of plugs and sockets is also available, making it easier to select the necessary products. They are adapted to low-voltage signals up to 400 V AC/16 A. The position of the pins is coded in accordance with the standards of the IEC 309 system. This reduces the risk of errors when connecting circuits with different voltages. In the case of portable plugs and sockets, remember that the rated voltage must be the same.

Crimp connections (instead of plugs and sockets) can be used for cables with a cross-section of 0.25 mm² to 0.5 mm², 0.75 mm² to 1.5 mm² and optionally up to 2.5 mm². Screwless spring clamp technology is also available, but only applies to certain models.

Flange plugs and sockets with M25 x 1.5 or 3/4" NPT metric threads can be mounted directly in the device housing. In the case of ex housings, we do not need certification (this applies to metal versions).

EX quick connectors and other elements can be assembled and disassembled during operation. There is no need to stop electrical circuits or terminals. A permit to work under voltage is not necessary.

BASIC DATA:

- Possibility of connecting and disconnecting without having to turn off the working device
- Protection rating IP66 / IP68
- Permissible ambient temperature from -55 to +70°C
- Operating range up to 400 V 16 A
- Housing made of stainless steel or nickel-plated brass
- Maximum 7 poles (6 poles + PE)
- Mining certificates (EX I M2)

MODELS AVAILABLE - CONFIGURATOR

To quickly and easily configure eXLink connectors, we recommend using the configurator at:
<http://exlink.internezzo.de/>

TECHNICAL DATA:

- EC type examination certificate PTB 06 ATEX 1031 X
- IECEx Certificate of Conformity IECEx BKI 06.0005X
- Marking according to IECEx Ex ed IIC T6 / Ex ia/ib IIC T6
Ex tD A21 IP66 T52 °C
- Permissible ambient temperature -20°C to +40°C (rated current 16 A)
- Extended temperature range -55°C to +75°C (Metal version, rated current 1 A)
- Storage temperature in original packaging: -55°C to +80°C
- Rated voltage AC up to 400 V, 50/60 Hz / DC up to 60 V
- Rated current max. 3 x 16 A
- Short circuit fuses without protection
thermal 16 A
- Short circuit fuses with protection
thermal 20 A gL
- Protection class according to EN 60598 II - for plastic / I - for metal
- Key in the plug and portable socket Ø 7-11 mm / Ø 11-15 mm
- Entry in a plug and portable socket for armored cables: external insulation Ø 16-26 mm / internal insulation Ø 8.5 - 16 mm / reinforcement 0 - 1.5 mm
- Thread in the plug and flange socket M25 x 1.5 / 3/4" NPT
- High degree of protection EN 60529: IP66/IP68 with protective caps closed and locked or components properly mounted and locked
- Housing material Portable plug and socket, 2000 cm³ flange plug and flange socket: polyamide, nickel-plated brass or AISI 316L stainless steel
- Flange plug < 2000 cm³ and portable plug/socket for armored cables: nickel-plated brass or AISI 316L stainless steel

GALERIA PRODUKTU WRAZ Z PRZYKŁADOWYMI REALIZACJAMI



DOCUMENTS



Data sheet Kliknij aby pobrać

