

M12 female 0° A-cod. with cable shielded

PUR 8x0.25 shielded gy UL/CSA+drag ch. 30m

Female straight M12, 8-pole shielded

with cable sleeves

Plastic housings with good resistance against chemicals and oils.

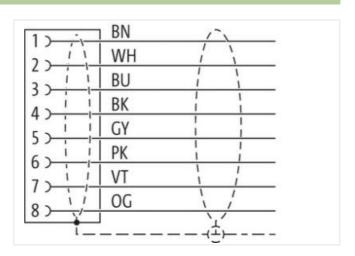
The resistance to aggressive media should be individually tested for your application. Further details on request.

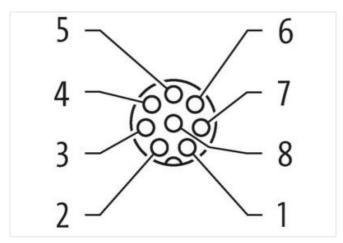
Further cable lengths on request.

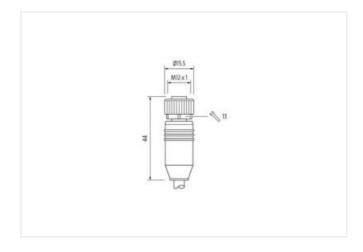
Link to Product

Illustration









Product may differ from Image











Cable length

30 m

Side 1

Tightening torque

0,6 Nm

The information in this Product-PDF has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-28



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Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Material contact	Copper alloy
Material	PUR
No. of poles	8
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data	11 00, 11 001, 11 07
	07070040
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879195546
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	30 V
Operating voltage DC max.	30 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	2 A
Installation Connection	
Installation Connection Mounting set	M12 x 1
	M12 x 1
Mounting set	M12 x 1 inserted, screwed
Mounting set Device protection Electrical	
Mounting set Device protection Electrical Additional condition protection degree	inserted, screwed
Mounting set Device protection Electrical Additional condition protection degree Pollution Degree	inserted, screwed 3
Mounting set Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage	inserted, screwed 3
Mounting set Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1)	inserted, screwed 3
Mounting set Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data	inserted, screwed 3 0,8 kV
Mounting set Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking	inserted, screwed 3 0,8 kV I Nickeled
Mounting set Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking Coating of fitting	inserted, screwed 3 0,8 kV I Nickeled nickel plated
Mounting set Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking Coating of fitting Locking material	inserted, screwed 3 0,8 kV I Nickeled nickel plated Zinc die-casting
Mounting set Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking Coating of fitting Locking material Material screw connection	inserted, screwed 3 0,8 kV I Nickeled nickel plated Zinc die-casting
Mounting set Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking Coating of fitting Locking material Material screw connection Mechanical data Mounting data	inserted, screwed 3 0,8 kV I Nickeled nickel plated Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection
Mounting set Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking Coating of fitting Locking material Material screw connection Mechanical data Mounting data Mounting method	inserted, screwed 3 0,8 kV I Nickeled nickel plated Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection
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Mounting set Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking Coating of fitting Locking material Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range	inserted, screwed 3 0,8 kV I Nickeled nickel plated Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection : -25 °C 85 °C
Mounting set Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking Coating of fitting Locking material Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable	inserted, screwed 3 0,8 kV I Nickeled nickel plated Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality
Mounting set Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking Coating of fitting Locking material Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable identification	inserted, screwed 3 0,8 kV I Nickeled nickel plated Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality
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Mounting set Device protection Electrical Additional condition protection degree Pollution Degree Rated surge voltage Material group (IEC 60664-1) Mechanical data Material data Coating locking Coating of fitting Locking material Material screw connection Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Installation Cable Cable Type	inserted, screwed 3 0,8 kV I Nickeled nickel plated Zinc die-casting Zinc die-casting inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality



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Stranding	8 wires around Core filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	80 %
Banding	Fleece, Foil
Filler	yes
wire arrangement	brown, orange, violet, pink, gray, black, blue, white
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Cable weigth	74,8 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	7 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	8
Outer diameter insulation	1,2 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C horizontal
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	3 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
AC withstand voltage power (wire - shield)	2 kV @ 60 s
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 30 °/m