

M12 male 90° / M8 female 90° A-cod.

PUR 3x0.25 ye UL/CSA+drag ch. 2.5m

Male 90° - female 90°

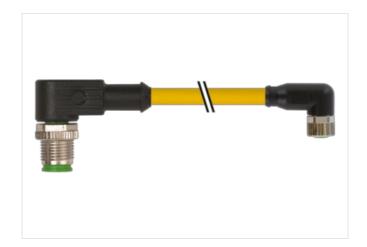
M12 - M8, 3-pole

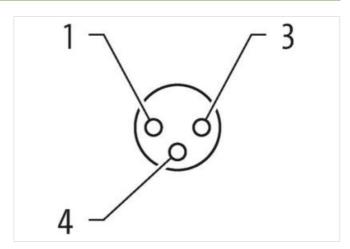
Plastic housings with good resistance against chemicals and oils.

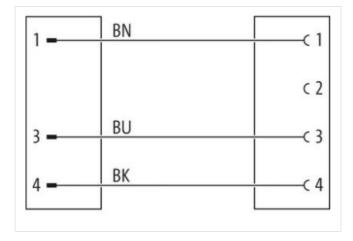
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

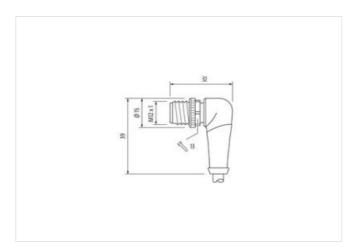
Link to Product

Illustration



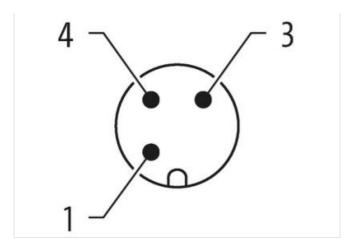








stay connected





Product may differ from Image











Cable length	2,5 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP66K, IP67
Side 2	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
Material	PUR
Width across flats	SW9
Degree of protection (EN IEC 60529)	IP66K, IP67
Commercial data	
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	4048879158527
Packaging unit	1
Electrical data Supply	



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Operating voltage AC (UL-steady) 30 V Operating voltage DC (UL-stead) 30 V Operating voltage DC (UL-stead) 30 V Operating voltage become on the steady of the steady operating voltage of the steady	Operating voltage AC max.	50 V
Departing voltage DC (UL-sleate)	Operating voltage DC max.	60 V
Device protection Electrical Additional controllar protection of prot	Operating voltage AC (UL-listed)	30 V
Device protection Electrical Additional controllar protection of prot	Operating voltage DC (UL-listed)	30 V
Additional condition protection degree inserted, screwed Political Degree 3 Started surge voltage 1,5 kV Material group (IEC 60064-1) Mechanical data Material data Coating of fitting nickel plated Coating	Current operating per contact max.	4 A
Patient Degree 3 Reted surge voltage 1,5 kV Machanizar group (PEC 90064-1) 1 Machanizar group (PEC 90064-1) 2 Incider patient Zona dis-casting Zona dis	Device protection Electrical	
Rated surge voltage 1,5 kV Material group (EC 60684-1)	Additional condition protection degree	inserted, screwed
Machanial data Material data Machanical data Material data Coating forfitting nickel plated Coating of fitting nickel plated Coating material Material screw connection Zinc die casting Material screw connection Zinc die casting Mechanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Additional condition temperature range Cepacity Climatic Protection temperature range Capacity Climatic Environmental characteristics Climatic Environmental characteristics Climatic Environmental characteristics Climatic Protection temperature range Crimatic Environmental characteristics Climatic E	Pollution Degree	3
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Coating looking Nickeled Onting nickel plated Onting of fitting nickel plated Onting of fitting Onticking material Zinc die-casting Material screw connection Zinc die-casting Method Environmental characteristics Climatic Environmental Chara	Material group (IEC 60664-1)	I
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Coating of fitting nickel plated 2 inc die casting Material screw connection 2 inc die casting Material screw connection 2 inc die casting Mechanical data Mounting data Mounting method Inserted, screwed, Shaking protection Environmental characteristics Climatic Coperating temperature min.	Coating locking	Nickeled
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Operating temperature min25 °C Operating temperature max	-	**
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Cable weigth 26,4 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) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation 25 % 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 mm²	wire arrangement	brown, black, blue
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) 4,1 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 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 mm²	Traversing distance (C-track)	10 m @ 25 °C horizontal
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Tolerance outer diameter (sheath) ±5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 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 mm²	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
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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 mm²	Outer diameter insulation	1,25 mm
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 mm²	Outer diameter tolerance core insulation	± 5 %
Amount strands (wire) 32 Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm²	Shore hardness wire insulation	70 ± 5 Shore D
Diameter of single wires 0,1 mm Conductor crosssection (wire) 0,25 mm²	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Conductor crosssection (wire) 0,25 mm ²	Amount strands (wire)	32
	Diameter of single wires	0,1 mm
Material conductor wire Stranded copper wire, bare	Conductor crosssection (wire)	0,25 mm ²
	Material conductor wire	Stranded copper wire, bare

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: 2024-05-09



Conductor type (wire)	strand class 6
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 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	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
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
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min