

M12 male 90° / M8 female 90° A-cod.

PUR 3x0.25 gy UL/CSA+robot+drag ch. 0.6m

Male 90° - female 90°

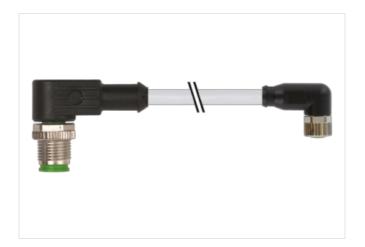
M12 - M8, 3-pole

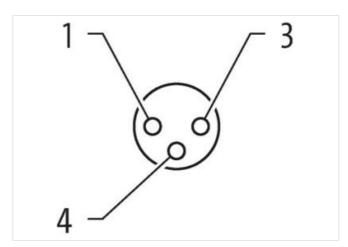
Plastic housings with good resistance against chemicals and oils.

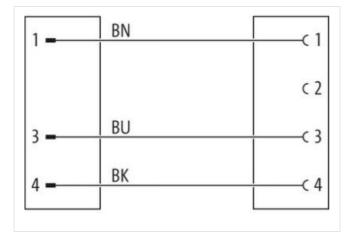
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

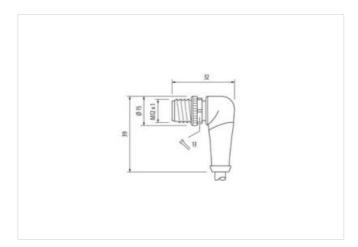
Link to Product

Illustration



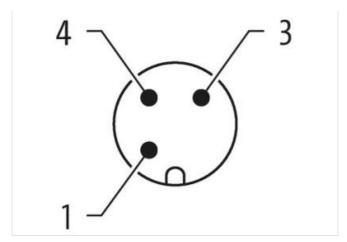


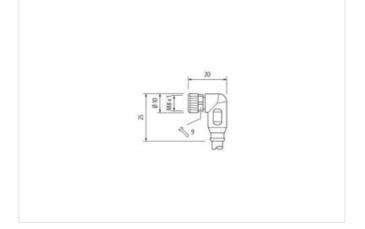






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Product may differ from Image











Cable length	0,6 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 \emptyset)	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	4048879158329
Packaging unit	1
Electrical data Supply	

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Operating voltage AC max. 50 V	
Operating voltage DC max. 60 V	
Operating voltage AC (UL-listed) 30 V	
Operating voltage DC (UL-listed) 30 V	
Current operating per contact max. 4 A	
Device protection Electrical	
Additional condition protection degree inserted, scre	ewed
Pollution Degree 3	
Rated surge voltage 1,5 kV	
Material group (IEC 60664-1)	
Mechanical data Material data	
Coating locking safe-cover co	pated
Coating of fitting nickel plated	
Locking material Zinc die-cast	ing
Material screw connection Zinc die-cast	
Mechanical data Mounting data	
	ewed, Shaking protection
Environmental characteristics Climatic	
·	
Operating temperature min25 °C Operating temperature max. 85 °C	
	n cable quality
	Todale quality
Important installation notes	
	onnectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
	bserve the permissible bending radii when laying cables, as the IP protection class can be by excessive bending forces.
Conformity	
Product standard DIN EN 6107	76-2-101 (M12), DIN EN 61076-2-114 (M8)
Installation Cable	
Cable identification 250	
Cable Type 5	
Jacket Color gray	
Type of Certificate cURus	
	ed
Amount stranding 1 Stranding 3 wires twiste	
Amount stranding 1 Stranding 3 wires twiste wire arrangement brown, black	
Amount stranding 1 Stranding 3 wires twiste wire arrangement brown, black Cable weigth 26,4 g/m	
Amount stranding 1 Stranding 3 wires twiste wire arrangement brown, black Cable weigth 26,4 g/m Material jacket PUR	, blue
Amount stranding 1 Stranding 3 wires twiste wire arrangement brown, black Cable weigth 26,4 g/m Material jacket PUR Shore hardness jacket 58 ± 3 Shore Freedom from ingredients (jacket) lead-free, car	, blue
Amount stranding Stranding 3 wires twiste wire arrangement brown, black Cable weigth 26,4 g/m Material jacket PUR Shore hardness jacket Freedom from ingredients (jacket) 1	, blue D
Amount stranding Stranding 3 wires twiste wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) 1 3 wires twiste brown, black 26,4 g/m PUR 58 ± 3 Shore 158 ±	, blue D
Amount stranding 1 Stranding 3 wires twiste wire arrangement brown, black Cable weigth 26,4 g/m Material jacket PUR Shore hardness jacket 58 ± 3 Shore Freedom from ingredients (jacket) lead-free, car Outer-diameter (jacket) 4,3 mm Tolerance outer diameter (sheath) ± 5 %	, blue D
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Amount stranding 1 Stranding 3 wires twisted wire arrangement Cable weigth 26,4 g/m Material jacket PUR Shore hardness jacket 58 ± 3 Shore Freedom from ingredients (jacket) lead-free, cand the candidate of the c	D dmium-free, CFC-free, halogen-free, silicone-free
Amount stranding 1 Stranding 3 wires twister wire arrangement brown, black Cable weigth 26,4 g/m Material jacket PUR Shore hardness jacket 58 ± 3 Shore Freedom from ingredients (jacket) lead-free, care Outer-diameter (jacket) 4,3 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,25 mm	D dmium-free, CFC-free, halogen-free, silicone-free
Amount stranding 1 Stranding 3 wires twister wire arrangement brown, black Cable weigth 26,4 g/m Material jacket PUR Shore hardness jacket 58 ± 3 Shore Freedom from ingredients (jacket) lead-free, ca Outer-diameter (jacket) 4,3 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 74 ± 3 Shore	D dmium-free, CFC-free, halogen-free, silicone-free
Amount stranding Stranding 3 wires twiste wire arrangement Cable weigth Material jacket PUR Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Amount wires Outer diameter insulation PP Amount wires 3 Outer diameter insulation Outer diameter tolerance core insulation Photographics Shore hardness wire insulation Photographics Amount strands (wire) 1 1 1 1 1 1 1 1 1 1 1 1 1	D dmium-free, CFC-free, halogen-free, silicone-free
Amount stranding 1 Stranding 3 wires twister wire arrangement brown, black Cable weigth 26,4 g/m Material jacket PUR Shore hardness jacket 58 ± 3 Shore Freedom from ingredients (jacket) lead-free, ca Outer-diameter (jacket) 4,3 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 74 ± 3 Shore Ingredient freeness wire insulation lead-free, ca Amount strands (wire) 32 Diameter of single wires 0,1 mm	D dmium-free, CFC-free, halogen-free, silicone-free
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Traversing distance (C-track)	5 m @ 25 °C horizontal
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
No. of bending cycles (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	1 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 360 °/m