

M12 male 0° A-cod. with cable shielded

PUR 8x0.25 shielded gy UL/CSA+drag ch. 3m

Male straight M12, 8-pole shielded

with cable sleeves

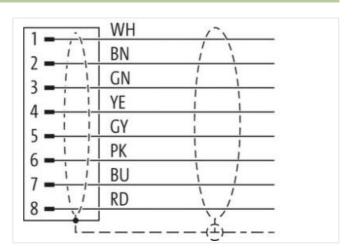
Plastic housings with good resistance against chemicals and oils.

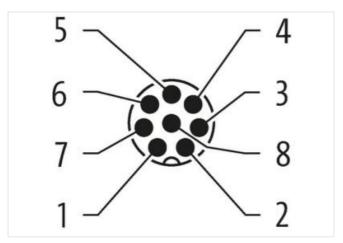
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

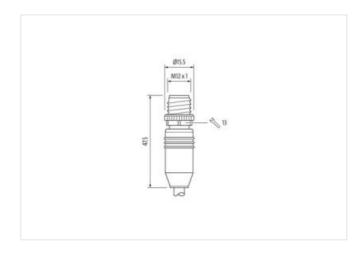
Link to Product

Illustration









Product may differ from Image











Cable length

3 m

Side 1

Tightening torque

0,6 Nm



stay connected

Family construction from M12 miles of the mi	Mounting method	inserted, screwed
Material PUR Windin across feats SW13 Operation (Policion (PN IEC 00559) PP6, IP68C, IP67 Commercial data PP6, IP68C, IP67 ECLASS-0.0 2779218 ECLASS-1.0 2779218 ECLASS-1.0 2779218 ECLASS-1.1 27000511 ECLASS-1.1 27000511 ECLASS-1.2 27000511 ECLASS-1.1 27000511 ECLASS-1.2 27000511 ECLASS-1.3 27000511 ECLASS-1.1 30.000079 ECLASS-1.2 30.00079 Deracting violage DC max 30.V Operating voltage DC (VL-1sets) 30.V Operating voltage DC (VL-1sets) 30.V Operating voltage DC (VL-1sets) 30.V Operating voltage DC (V	Family construction form	M12
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Degree of protection (EN IEC 60829) PBS, IPB6K, IPB7	Material	PUR
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Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Installation Cable Cable identification 291 Cable Type 3 Jacket Color gray	Important installation notes	
Installation Cable Cable identification 291 Cable Type 3 Jacket Color gray	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Cable identification 291 Cable Type 3 Jacket Color gray	Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Cable Type 3 Jacket Color gray	Installation Cable	
Cable Type 3 Jacket Color gray	Cable identification	291
Jacket Color gray	Cable Type	
din .	Jacket Color	
	Type of Certificate	



stay connected

Amount stranding	1
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, white, red, blue, pink, gray, yellow, green
Cable weigth	78,1 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 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
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	3 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	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 IEC 60332-2-2 UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	5 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 30 °/m
Torsion speed	35 cycles/min