

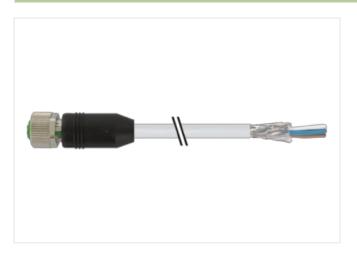
M12 female 0° A-cod. with cable shielded

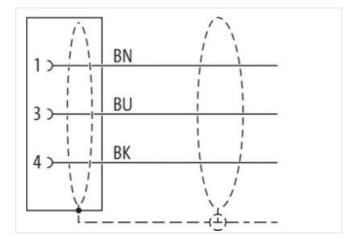
PUR 3x0.34 shielded gy UL/CSA+drag ch. 30m

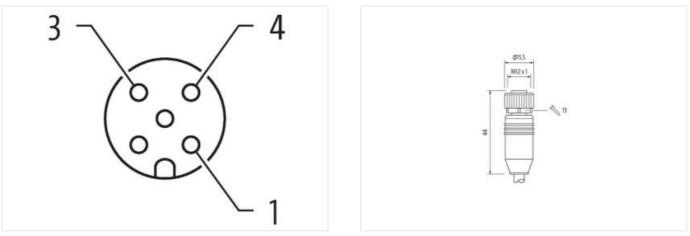
Female straight M12, 3-pole shielded with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

Illustration







Product may differ from Image



Cable length

Side 1

Tightening torque

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30 m

0,6 Nm

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Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	A
Vaterial	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	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	4065909059210
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	60 V
Operating voltage DC max.	60 V
Operating voltage AC (UL-listed)	30 V
Deperating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Installation Connection	
Mounting set	M12 x 1
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I
Mechanical data Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
-	
Environmental characteristics Climati	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Conformity	
	DIN EN 61076-2-101 (M12)
Product standard	DIN EN 61076-2-101 (M12)
Installation Cable	

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Gube Type 3 Jackie Color gray Type of Certificate cLPus Annual stranding 1 Stranding Sweets winted Cable shukkling (type) copper braid, tinned Cable shukkling (type) 00 % Badning Fleece, Foll wite arrangement brown, black, blue Cable shukkling (type) 44 grn Material jacket 90 H Shore hardness jacket 90 H Shore hardness jacket 90 H Shore hardness jacket 90 H Outer diameter (jacket) 5 from Cable weight 1 E 5 % Material wis insulation 1 25 mm Outer diameter insulation 1 25 from Dare duranter insulation 1 25 from Dare duranter insulation 1 25 % Dare duranterinsulatin 1 25 %	Cable identification	240
Jacket Cloirgrig/Type of CertificatecoRusAmount stranding1Stranding0 copper fract, dimandCable shelding (coverago)80 %BandingFleece, Fullwire arrangementbrown, black, blueCable shelding (coverago)80 %BandingFleece, FullWire arrangementbrown, black, blueCable weigh44 g/mMatarial jacket91 ± 5 Store AFreedom from ingrodients (jacket)5 mmCarle dameter (cheatm)5 5 %Carle dameter (cheatm)5 %Material view instructionPPAmount views8Oder dameter (cheatm)± 5 %Material view instruction12 5 Store DTimerader instruction± 5 %Material view instruction12 5 Store DCarle dameter (view)2 5 Store DCarle dameter (view)12 5 Store DCarle dameter (view)13 5 Store ACarle dameter (view)14 5 %Carle dameter (view)14 5 %Carle dameter (view)14 5 %Carle dameter (view)14 5 % <td></td> <td></td>		
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Current load capacity min. wire 6 A Electrical resistance line constant wire 57 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 AC withstand voltage (wire - shield) 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 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 Oil resistance DIN EN 60811-404 Good, application-related testing Bending radius (fixed) 5 x Outer diameter Travel speed (C-track) 5 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 30 °/m		
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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	chemical resistance	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	Gasoline resistance	Good, application-related testing
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	Oil resistance	DIN EN 60811-404 Good, application-related testing
Travel speed (C-track)5 Mio. @ 25 °CNo. of torsion cycles2 Mio.Torsion stress± 30 °/m	Bending radius (fixed)	5 x Outer diameter
No. of torsion cycles 2 Mio. Torsion stress ± 30 °/m	Bending radius (dynamic)	10 x Outer diameter
Torsion stress ± 30 °/m	Travel speed (C-track)	5 Mio. @ 25 °C
Torsion stress ± 30 °/m	No. of torsion cycles	2 Mio.
Torsion speed 35 cycles/min		± 30 °/m
	Torsion speed	35 cycles/min

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: 2024-05-21

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