

M12 female 0° B-cod. with cable shielded

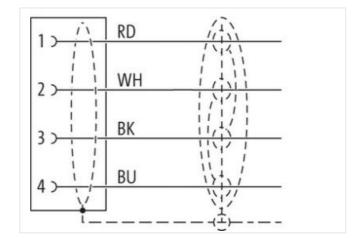
PUR AWG24+22 shielded vt UL/CSA+drag ch. 30m

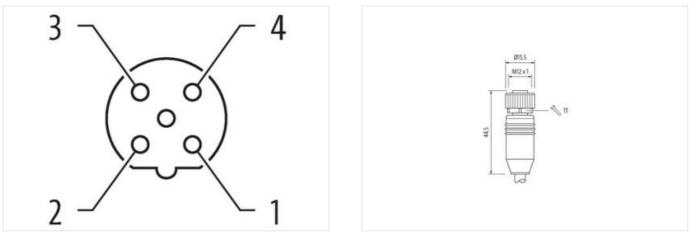
Female straight M12, 4-pole B-coded shielded Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

Illustration







Product may differ from Image



Cable length

Side 1

Tightening torque

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: 2024-05-16

30 m

0,6 Nm



Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	В
Material	PUR
No. of poles	4
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP67
Commercial data	
ECLASS-6.0	27061801
ECLASS-6.1	27060307
ECLASS-7.0	27060307
ECLASS-8.0	27060307
ECLASS-9.0	27060307
ECLASS-10.1	27060307
ECLASS-11.1	27060307
ECLASS-12.0	27060307
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879898881
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
Operating 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)	
Mechanical data	
Contour for corrugated hose	without
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 Climatic	
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.

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Conformity

Institution (Cable Event Stand, Color Stand, Color Cable isoland, Color, Stand, Sta	Product standard	DIN EN 61076-2-101 (M12)
Cable identification803Jacke ColorvioletType of Carificatocl/RusAnnout Stranding1Stranding Intype 2)1Stranding Intype 2)2Stranding Intype 2)2Stranding Intype 2)2Stranding Intype 2)2Stranding Intype 2)3Cable shelding Intype 2)3Stranding Intype 2)6Stranding Intype 2)6Cable shelding Intype 2)6Cable shelding Intype 2)6Stranding Intype 2)7Stranding Intype 2)7Stranding Intype 2)6Cable weight6Stranding Intype 2)8Stranding Intype 2)8Stranding Intype 2)8Cable weight63,12 g/mMaterial Jocket92 5 Shore AFreedom from Ingradients Intyle Intak. Integr. CPC+tee, hatogen-free, silicone-freeOuter Giameter Insulation2 Shore AFreedom from Ingradients Insulation2 Store ACable diameter Insulation2 1 mmCable diameter Insulation1 5 %Stranding Veri Insulation4 5 Shore DCable diameter Insulation1 5 %Stranding Veri Ins	Installation Cable	
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Electrical resistance coating wire (Data) 54 Ω/km		
	Electrical resistance coating wire (Data)	54 Ω/km

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: 2024-05-16



AC withstand voltage (wire - wire)	2 kV @ 60 s
Electric capacitance	40000 pF/km
AC withstand voltage (wire - shield)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °C
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 (installation)	x Outer diameter
Bending radius (fixed)	6 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	1 Mio.
No. of torsion cycles	2 Mio.
Torsion stress	± 30 °/m
Torsion speed	35 cycles/min

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