

M12 female 0° A-cod. with cable

PUR 4x0.34 ye UL/CSA+robot+drag ch. 5m

Female straight M12, 4-pole

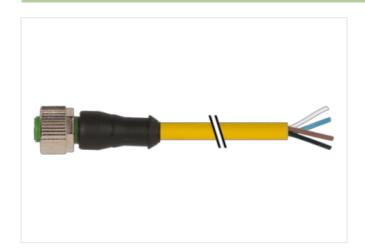
with cable sleeves

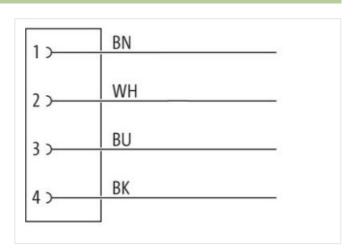
Plastic housings with good resistance against chemicals and oils.

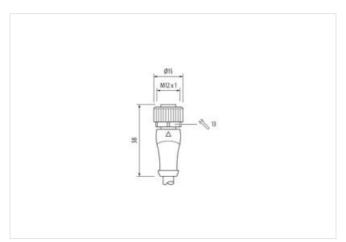
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

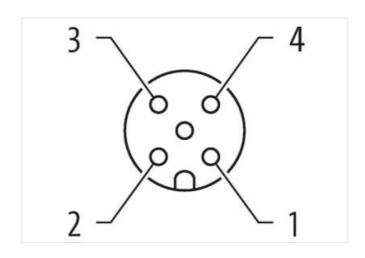
Link to Product

Illustration









Product may differ from Image













Cable length

5 m

Side 1

Tightening torque 0,6 Nm



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Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material	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	4048879213066
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	250 V
Operating voltage DC max.	250 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	2.5 kV
Material group (IEC 60664-1)	
Mechanical data Material data	
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Coating locking	safe-cover coated
Coating of fitting	nickel plated
Locking material	Zinc die casting
Material screw connection	Zinc die-casting
Mechanical data Mounting data	inspired sevenad Challing evetestion
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.
Conformity	
Product standard	DIN EN 61076-2-101 (M12)

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: 2024-05-17



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Cable identification 054 Cable Type 5 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigth 36,3 g/m Material jacket PUR Shore hardness jacket 58 ± 3 Shore D Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 4,7 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 4 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation 1,25 mm Couter diameter tolerance core insulation 74 ± 3 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm	
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Diameter of single wires 0,1 mm	
Conductor crosssection (wire) 0,34 mm ²	
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 4,8 A	
Electrical resistance line constant wire 60 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 UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2	
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) 10 Mio. @ 25 °C	
No. of torsion cycles 1 Mio.	
Torsion stress ± 360 °/m	
Torsion speed 35 cycles/min	