M12 male 0° / M12 female 0° A-cod.

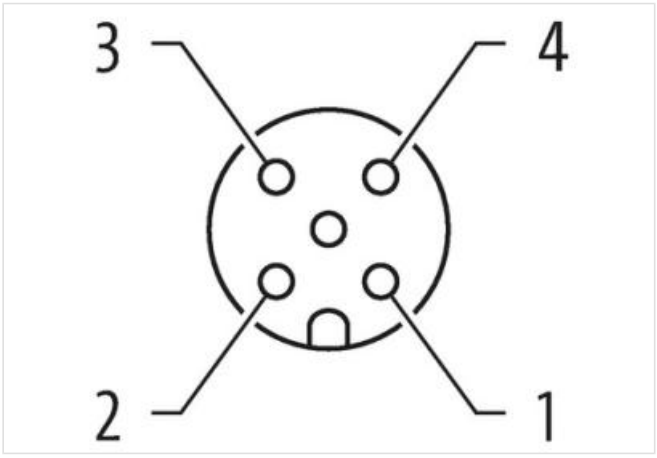
TPE 4x22AWG ye UL/CSA. ITC/PLTC 3m

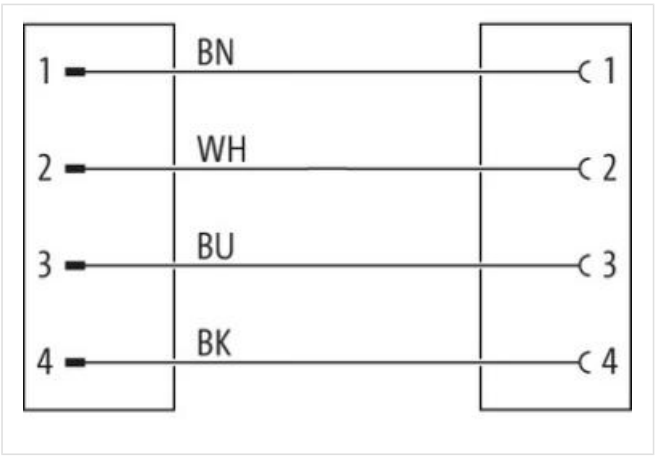
Male straight – female straight
M12 – M12, 4-pole
USA
Plastic housings with good resistance against chemicals and oils.
The resistance to aggressive media should be individually tested for your application. Further details on request.
Further cable lengths on request.

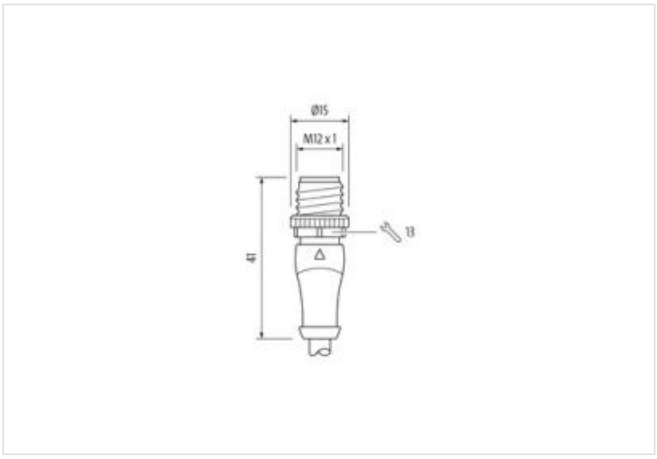
Link to Product

Illustration

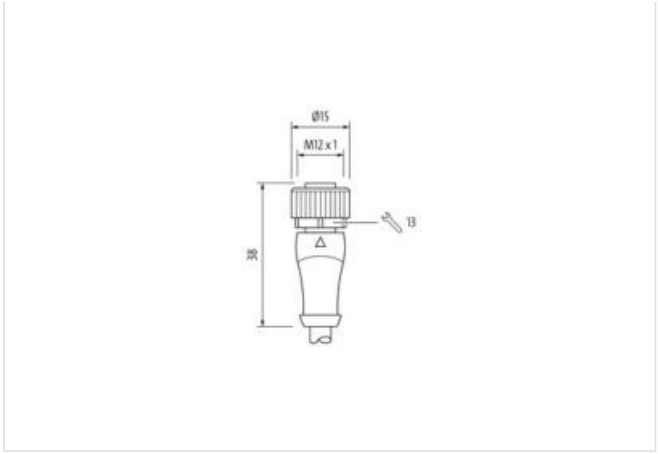


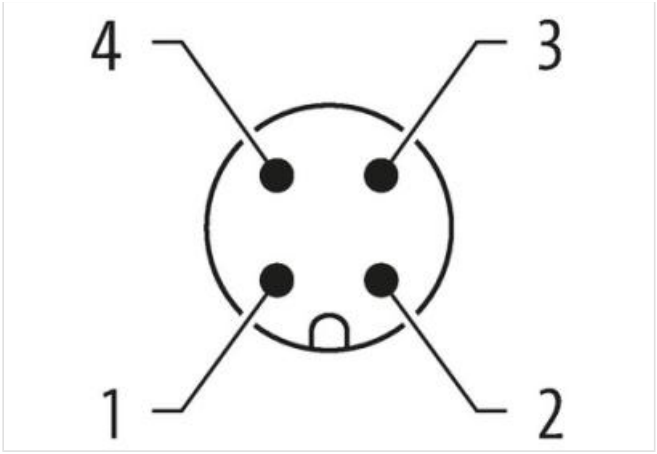






The information in this Product-PDF has been compiled with the utmost care.
Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-06-18





Product may differ from Image

Cable length	3 m
Side 1	
Mounting method	inserted, screwed
Family construction form	M12
No. of poles	4
Side 2	
Mounting method	inserted, screwed
Family construction form	M12
No. of poles	4
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	4048879739788
Packaging unit	1
Electrical data | Supply	
Operating voltage AC max.	250 V
Operating voltage DC max.	250 V
Device protection | Electrical	
Pollution Degree	3
Rated surge voltage	2,5 kV
Material group (IEC 60664-1)	I
Environmental characteristics | Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C

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: 2024-06-18

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.
Installation | Cable	
wire arrangement	brown, black, blue, white
Cable identification	U04
Jacket Color	yellow
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	brown, black, blue, white
Cable weigth	49,5 g/m
Material jacket	TPE
Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Outer-diameter (jacket)	5,36 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires	4
Outer diameter insulation	1,27 mm
Outer diameter tolerance core insulation	± 5 %
Ingredient freeness wire insulation	lead-free, CFC-free
Amount strands (wire)	19
Diameter of single wires	22 AWG
Conductor crosssection (wire)	22 AWG
Material conductor wire	Stranded copper wire, bare
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	46,9 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	105 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	90 °C
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	DIN EN 60811-404 | Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	10 Mio.
No. of torsion cycles	3 Mio.
Torsion stress	± 180 °/m

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: 2024-06-18