

M12 male 0° / M12 female 0° A-cod.

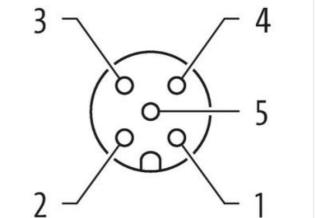
TPE 5x22AWG ye UL/CSA. ITC/PLTC 20m

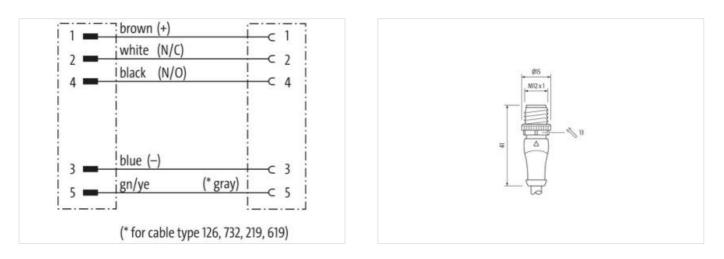
Male straight – female straight M12 – M12, 5-pole USA Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

Illustration



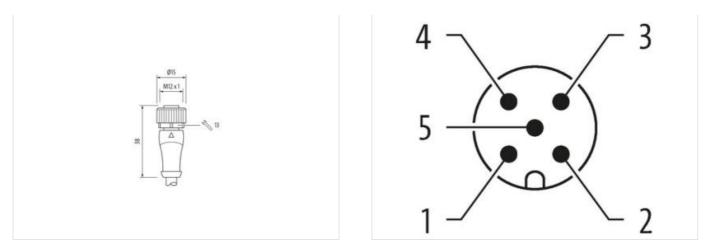




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Product may differ from Image



Cable length	20 m
Side 1	
Mounting method	inserted, screwed
Family construction form	M12
No. of poles	5
Side 2	
Mounting method	inserted, screwed
Family construction form	M12
No. of poles	5
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	4048879911153
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	125 V
Operating voltage DC max.	125 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Device protection Electrical	
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	

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Mechanical data | Material data

Mechanical data Material data	
Coating locking	Nickeled
ocking material	Zinc die-casting
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.
Installation Cable	
Cable identification	U05
lacket Color	yellow
Type of Certificate	cURus
Amount stranding	1
Stranding	5 wires around Core filler twisted
Filler	yes
vire arrangement	brown, black, blue, white, green-yellow
Cable weigth	59,4 g/m
Naterial jacket	TPE
reedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Duter-diameter (jacket)	5,72 mm
olerance outer diameter (sheath)	±5%
laterial wire insulation	PVC
Amount wires	5
Duter diameter insulation	1,27 mm
Duter diameter tolerance core insulation	±5%
ngredient 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	4,5 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 - acket)	2 kV @ 60 s
In. operating temperature (static)	-40 °C
Nax. operating temperature (fixed)	105 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	90 °C
lame resistance	UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2
hemical resistance	Good, application-related testing
asoline resistance	Good, application-related testing
Dil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Fravel speed (C-track)	10 Mio.

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