

M12 male 0° / M12 female 0° A-cod.

TPE 5x18AWG ye UL/CSA. ITC/PLTC 3.4m

Male straight – female straight Cable is approved for 600 V M12 – M12, 5-pole USA

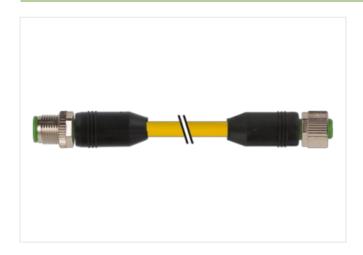
Cable is approved for 600 V

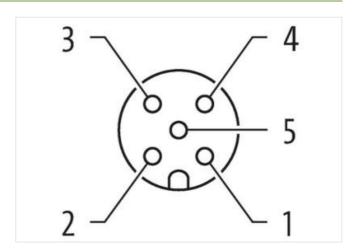
Plastic housings with good resistance against chemicals and oils.

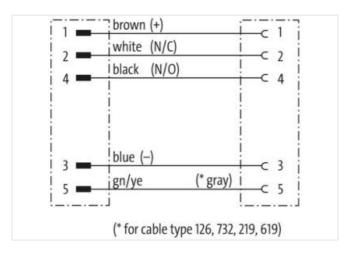
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

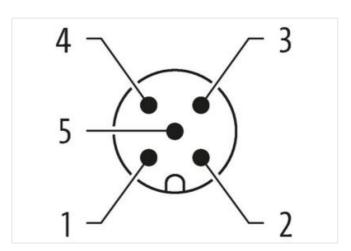
Link to Product

Illustration



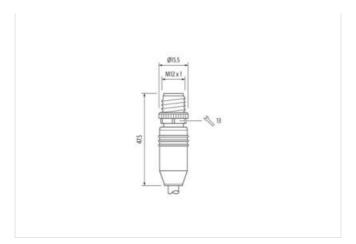


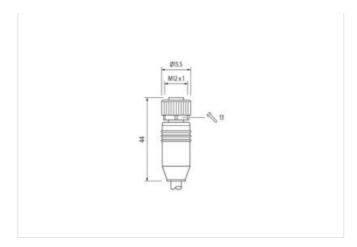






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Product may differ from Image



Cable length





3,4 m





Side 1 0,6 Nm Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 Coding A No. of poles 5 Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Tightening torque 0,6 Nm Mounting method inserted, screwed Family construction form M12 Timead M12 x 1 Coding A No. of poles 5 Width across flats SW13 Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-1.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4065909072417 Packaging unit 1	Oable leligili	0,4 111
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GTIN 4065909072417 Packaging unit 1	ETIM-5.0	EC001855
Packaging unit 1	customs tariff number	85444290
	GTIN	4065909072417
Electrical data Supply	Packaging unit	1
	Electrical data Supply	



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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
Current operating per contact max.	4 A
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	
Contour for corrugated hose	without
Mechanical data Material data	
Coating locking	Nickeled
Material housing	PUR
Locking material	Zinc die-casting
	Zino die odsting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 ℃
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)
Installation Cable	
Cable identification	161
Jacket Color	yellow
Type of Certificate	cURus
Amount stranding	1
Stranding	5 wires around Core filler twisted
Filler	yes
wire arrangement	brown, black, blue, white, green-yellow
Cable weigth	103,4 g/m
Material jacket	TPE
Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Outer-diameter (jacket)	7,75 mm
Tolerance outer diameter (sheath)	±5%
Matarial raina insulation	DVO.
Material wire insulation	PVC
	5
Amount wires	
Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation	5
Amount wires Outer diameter insulation Outer diameter tolerance core insulation	5 1,93 mm
Amount wires Outer diameter insulation	5 1,93 mm ± 5 %
Amount wires Outer diameter insulation Outer diameter tolerance core insulation Ingredient freeness wire insulation Amount strands (wire)	5 1,93 mm ± 5 % lead-free, CFC-free
Amount wires Outer diameter insulation Outer diameter tolerance core insulation Ingredient freeness wire insulation	5 1,93 mm ± 5 % lead-free, CFC-free 19
Amount wires Outer diameter insulation Outer diameter tolerance core insulation Ingredient freeness wire insulation Amount strands (wire) Diameter of single wires	5 1,93 mm ± 5 % lead-free, CFC-free 19 18 AWG

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: 2024-05-20



Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	9 A
Electrical resistance line constant wire	22,5 Ω/km
AC withstand voltage (wire - wire)	4 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	4 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	UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2
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)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter
Travel speed (C-track)	10 Mio.
No. of torsion cycles	3 Mio.
Torsion stress	± 180 °/m