

M12 male 0° / M8 female 0° A-cod.

PVC 3x0.25 bk UL/CSA 1m

Male straight - female straight

M12 - M8, 3-pole

Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request

Plastic housings with good resistance against chemicals and oils.

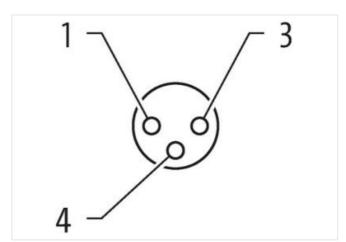
The resistance to aggressive media should be individually tested for your application. Further details on request.

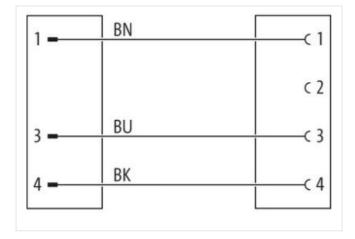
Further cable lengths on request.

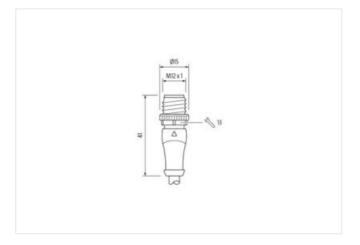
Link to Product

Illustration



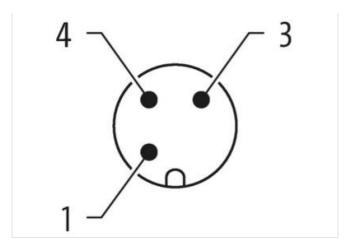


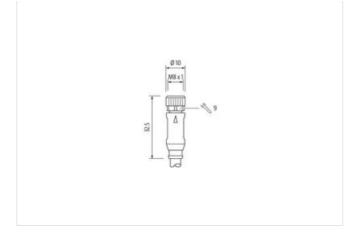






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Product may differ from Image



Cable length









Side 1 Tightening torque 0,6 Nm 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 Side 2 Tightening torque Mounting method inserted, screwed Family construction form M8 Thread M8 x 1 suitable for corrugated tube (internal Ø) 6,5 mm Coding A Material PUR Width across flats SW9 Commercial data ECLASS-6.0 ECLASS-7.0 27279218 ECLASS-9.0 27279218 ECLASS-9.0 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 ECountests customs tariff number <td< th=""><th>-</th><th></th></td<>	-	
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Coding A Material PUR Width across flats SW9 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 ECLASS-15.0 EC001855 customs tariff number 85444290 GTIN 4048879000994	Thread	M8 x 1
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customs tariff number 85444290 GTIN 4048879000994	ECLASS-12.0	27060311
GTIN 4048879000994	ETIM-5.0	EC001855
	customs tariff number	85444290
Packaging unit 1	GTIN	4048879000994
	Packaging unit	1



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Operating voltage AC may	50 V		
Operating voltage AC max. Operating voltage DC max.	60 V		
Operating voltage AC (UL-listed)	30 V		
Operating voltage AC (UL-listed) 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)	l		
Mechanical data Material data			
Coating locking	Nickeled		
Coating of fitting	nickel plated		
Material gasket	FKM		
_ocking 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	and the second s		
	Detect the consistency with the consistency of a state		
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), DIN EN 61076-2-114 (M8)		
Installation Cable			
wire arrangement	brown, black, blue		
Cable identification	610		
Cable Type	1		
Jacket Color	black		
Type of Certificate	cURus		
Amount stranding	1		
Stranding	3 wires twisted		
wire arrangement	brown, black, blue		
Cable weigth	29,37 g/m		
Material jacket	PVC		
Shore hardness jacket	85 ± 5 Shore A		
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free		
Outer-diameter (jacket)	4,5 mm		
Tolerance outer diameter (sheath)	±5%		
Material wire insulation	PVC		
Amount wires	3		
Outer diameter insulation	1,25 mm		
Outer diameter tolerance core insulation	± 5 %		
Shore hardness wire insulation	45 ± 5 Shore D		
Material properties wire insulation	good machinability		
ngredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free		
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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: 2024-05-21



Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,25 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
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	79 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)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
UV resistance	DIN EN ISO 4892-2 A
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	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter