

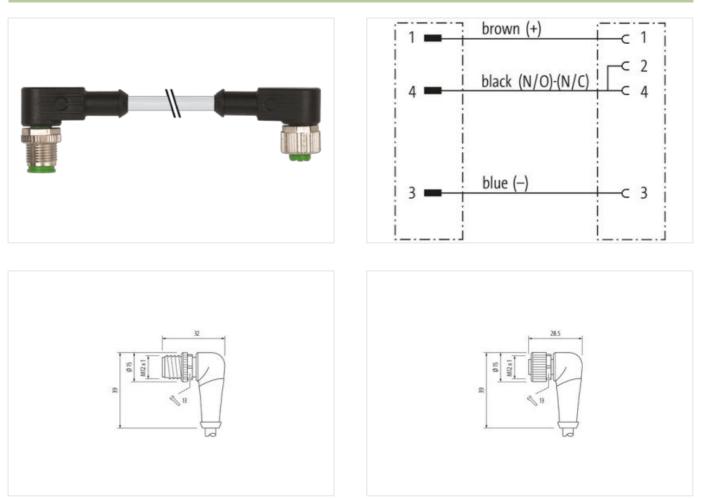
M12 male 90° / M12 female 90° A-cod.

PVC 3x0.34 gy UL/CSA 12m

Male 90° – female 90° M12 – M12, 3-pole bridged Art-No. 7005 - M12 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.

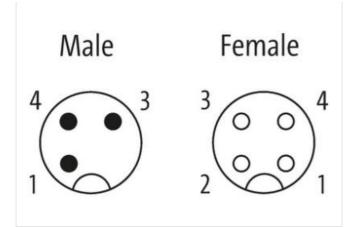
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Product may differ from Image



Side 1 Fightening torque 0,6 Nm Mounting method inserted, screwed =amily construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Coding A Material PUR Nidth across flats SW13 Degree of protection (EN IEC 60529) IP66K, IP67 Side 2 Iphtening torque O,6 Nm Mounting method Mounting method inserted, screwed =amily construction form M12 x 1 Suitable for corrugated tube (internal Ø) 10 mm Coding A Adaterial PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data SW13 Degree of protection (EN IEC 60529) IP66K, IP67 Commercial data SW4390 Packaging unit 1 Electrical data Supply Set44290 Packaging unit 1 Electrical data Supply Sperating voltage AC max. 250 V Diperating volt		
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Width across flatsSW13Degree of protection (EN IEC 60529)IP66K, IP67Commercial data27061801ECLASS-6.027061801bustoms tariff number85444290Packaging unit1Electrical data SupplyDperating voltage AC max.250 VDperating voltage DC max.250 VDperating voltage AC (UL-listed)30 VDperating voltage DC (UL-listed)30 VDurrent operating per contact max.4 A	Coding	А
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Operating voltage DC (UL-listed)30 VCurrent operating per contact max.4 A	Operating voltage DC max.	250 V
Current operating per contact max. 4 A	Operating voltage AC (UL-listed)	30 V
	Operating voltage DC (UL-listed)	30 V
Installation Connection	Current operating per contact max.	4 A
	Installation Connection	

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Mounting set	M12 x 1
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Material group (IEC 60664-1)	
Mechanical data Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Locking 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.	-25 °C
Additional condition temperature range	depending on cable quality
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation Cable	
Cable identification	213
Cable Type	1
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	brown, black, blue
Cable weigth	34,1 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)	4,6 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
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19 0.15 mm
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5 to DIN VDE 0298-4
Current load capacity (standard)	6 A
Current load capacity min. wire Electrical resistance line constant wire	6 A 57 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C

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Max. operating temperature (fixed)	80 °C	
Operating temperature min. (dynamic)	-5 °C	
Operating temperature max. (dynamic)	0° 08	
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	Good, application-related testing DIN EN 60811-404	
Bending radius (fixed)	5 x Outer diameter	
Bending radius (dynamic)	10 x Outer diameter	

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