

M12 male 90° / M8 female 90° A-cod.

PVC 3x0.25 bk UL/CSA 0.3m

Male 90° - female 90°

M12 - M8, 3-pole

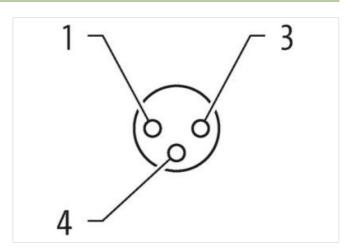
Plastic housings with good resistance against chemicals and oils.

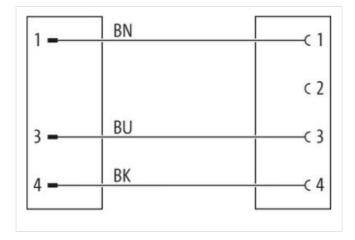
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

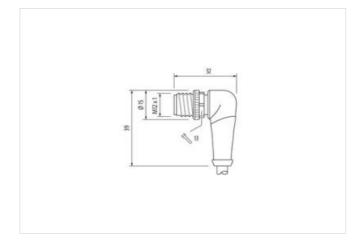
Link to Product

Illustration



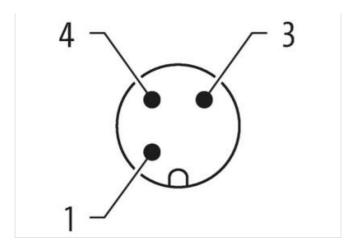








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Product may differ from Image











Side 1 ightening torque 0,6 Nm flounting method inserted, screwed amily construction form M12 thread M12 x 1 uitable for corrugated tube (internal Ø) 10 mm flaterial PUR Vidth across flats SW13 pegree of protection (EN IEC 60529) IP66K, IP67 Side 2 ightening torque 0,4 Nm flounting method inserted, screwed amily construction form M8 thread M8 x 1 uitable for corrugated tube (internal Ø) 6,5 mm
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Mounting method inserted, screwed amily construction form M8 Thread M8 x 1
Family construction form M8 Thread M8 x 1
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uitable for corrugated tube (internal Ø) 6,5 mm
Material PUR
Vidth across flats SW9
Degree of protection (EN IEC 60529) IP66K, IP67
Commercial data
CLASS-6.0 27279218
CLASS-7.0 27279218
CLASS-8.0 27279218
CLASS-9.0 27060311
CLASS-10.1 27060311
CLASS-11.1 27060311
CLASS-12.0 27060311
TIM-5.0 EC001855
ustoms tariff number 85444290
ATIN 4048879560337
Packaging unit 1
Electrical data Supply



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Operating voltage AC max.	50 V
Operating voltage DC max.	60 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 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 min. Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
	depending on cable quality
Conformity	
Product standard	DIN EN 61076-2-101 (M12), DIN EN 61076-2-114 (M8)
Installation Cable	
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
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	14
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
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire	to DIN VDE 0298-4 4,5 A 79 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
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