

## M12 male 90° / M8 female 0° A-cod.

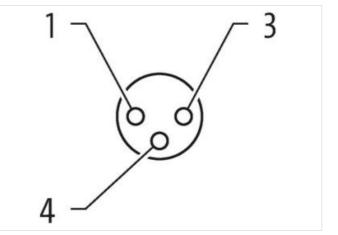
PUR 3x0.25 gy UL/CSA+robot+drag ch. 0.6m

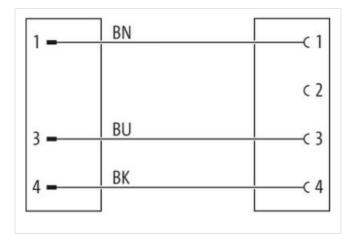
Male 90° – female straight M12 – M8, 3-pole Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

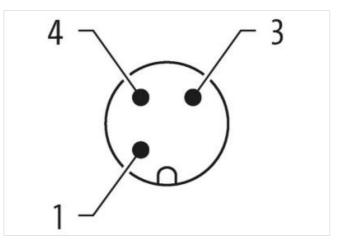
## Link to Product

Illustration









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Product may differ from Image



Cable length  0,6 m    Side 1  Tighening torque  0,6 Nm    Mounting method  inserted, screwed    Family construction form  M12    Thread  M12 x 1    Material  PUR    Width across flats  SW13    Degree of protection (EN IEC 60529)  IP66K, IP67    Side 2     Tightening torque  0,4 Nm    Mounting method  inserted, screwed    Family construction form  M8    Mounting method  inserted, screwed    Family construction form  M8    Mounting method  inserted, screwed    Family construction form  M8    Material  PUR    Width across flats  SW9    Degree of protection (EN IEC 60529)  IP66K, IP67    Commercial data  SCLASS-6.0    ECLASS-6.0  27061801    customs tariff number  8544290    Packaging unit  1    Electational data ISupply  Story U    Operating voltage AC max.  250 V    Operating voltage DC max.  250 V    Current operating por contact max.  4 A    Device protection   Electrical  Inserted, screwed    Rated surge voltage  1,5 KV    Mete	
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Mechanical data   Material data        Coating of fitting      nickel plated	
Coating of fitting nickel plated	
Motorial agroup connection Zing dia agenting	
Material Screw connection Zinc die-casting	

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## Mechanical data | Mounting data

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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	
-	
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	250
Cable Type	5
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	brown, black, blue
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Cable weigth	26,4 g/m
Material jacket	PUR
Shore hardness jacket	58 ± 3 Shore D
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	4,3 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	3
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	74 ± 3 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
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)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
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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Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	1 Mio.
Torsion stress	± 360 °/m
Torsion speed	35 cycles/min

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