

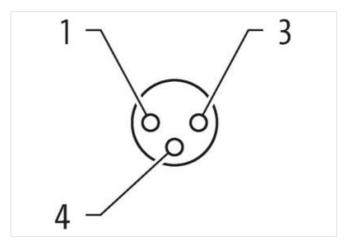
## M8 male 90° / M8 female 0° A-cod.

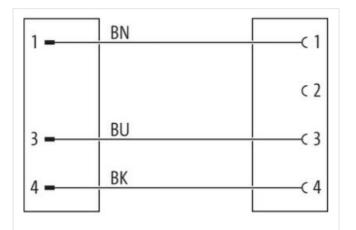
PUR 3x0.25 bk UL/CSA+drag ch. 0.6m

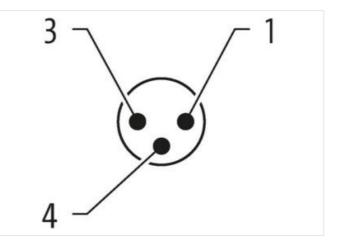
Male 90° – female straight M8 – M8, 3-pole Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

## Link to Product



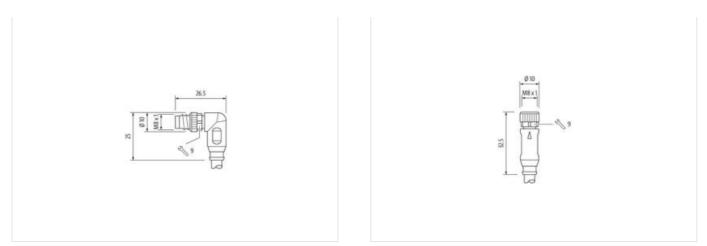






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Product may differ from Image



Cable length	0,6 m
Side 1	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal $\emptyset$ )	6,5 mm
Cable outlet	angled
Coding	A
Material contact	Copper alloy
No. of poles	3
Width across flats	SW9
Side 2	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal $\emptyset$ )	6,5 mm
Cable outlet	straight
Coding	A
Material contact	Copper alloy
No. of poles	3
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	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

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ETIM-5.0EC001855customs tariff number85444290GTIN4048879126533Packaging unit1Electrical data   SupplyImage: Constraint of the second se	
GTIN4048879126533Packaging unit1Electrical data   SupplyOperating voltage AC max.50 VOperating voltage DC max.60 VOperating voltage AC (UL-listed)30 VOperating voltage DC (UL-listed)30 V	
Electrical data   Supply     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	
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	
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Operating voltage DC max. 60 V   Operating voltage AC (UL-listed) 30 V   Operating voltage DC (UL-listed) 30 V	
Operating voltage AC (UL-listed) 30 V   Operating voltage DC (UL-listed) 30 V	
Current operating per contact max. 4 A	
Diagnostics	
Status indication LED no	
Device protection   Electrical	
Degree of protection (EN IEC 60529) IP65, IP67, IP66K	
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	
Material gasket FKM	
Material housing PUR	
Locking material Zinc die-casting	
Mechanical data   Mounting data	
Mounting method inserted, screwed, Shaking protection	
Environmental characteristics   Climatic	
Operating temperature min25 °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 radiusAttention: 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 61076-2-114 (M8)	
Installation   Cable	
Installation   Cable   Cable identification 630	
Cable identification 630	
Cable identification 630   Cable Type 3	
Cable identification 630   Cable Type 3   Jacket Color black	
Cable identification630Cable Type3Jacket ColorblackType of CertificatecURus	
Cable identification630Cable Type3Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blue	
Cable identification630Cable Type3Jacket ColorblackType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementbrown, black, blueTraversing distance (C-track)10 m @ 25 °C   horizontal	
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Amount wires	3
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	70 ± 5 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
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090   UL 1581 § 1100 FT2   IEC 60332-2-2
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
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

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