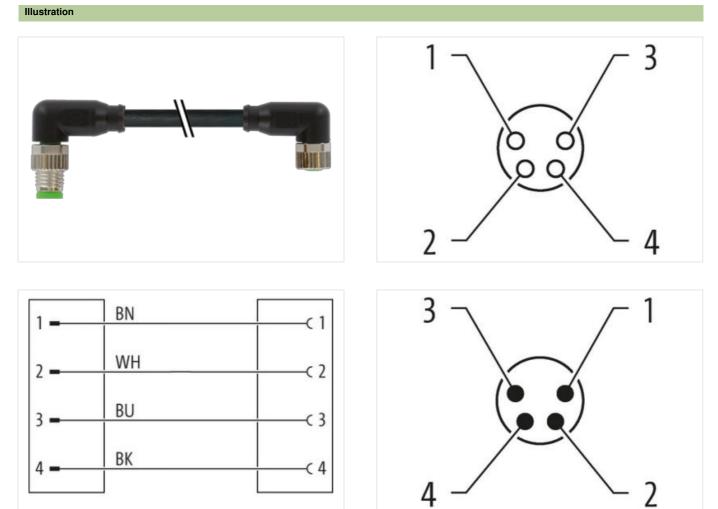


M8 male 90° / M8 female 90° A-cod.

PUR 4x0.25 bk UL/CSA+robot+drag ch. 2m

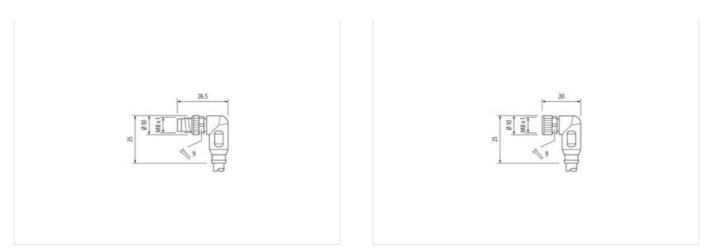
Male 90° – female 90° Zinc die casting, save-cover coated M8 – M8, 4-pole with cable sleeves Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product



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Product may differ from Image



Cable length	2 m	
Side 1		
Tightening torque	0,4 Nm	
Family construction form	M8	
Thread	M8 x 1	
suitable for corrugated tube (internal \emptyset)	6,5 mm	
Width across flats	SW9	
Side 2		
Tightening torque	0,4 Nm	
Thread	M8 x 1	
Commercial data		
ECLASS-6.0	27061801	
ECLASS-10.1	27060311	
ECLASS-11.1	27060311	
ECLASS-12.0	27060311	
customs tariff number	85444290	
GTIN	4065909031568	
Packaging unit	1	
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	
Current operating per contact max.	4 A	
Device protection Electrical		
Degree of protection (EN IEC 60529)	IP65, IP67, IP68, IP66K	
Additional condition protection degree	inserted, screwed	
Pollution Degree	3	
Rated surge voltage	0,8 kV	
Material group (IEC 60664-1)	I	
Mechanical data Material data		

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Coating locking	safe-cover coated		
Material housing	PUR		
Locking material	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			
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 61076-2-114 (M8)		
Installation Cable			
Cable identification	651		
Cable Type	5		
Jacket Color	black		
Type of Certificate	cURus		
Amount stranding	1		
Stranding	4 wires twisted		
wire arrangement	brown, black, blue, white		
Traversing distance (C-track)	5 m @ 25 °C horizontal		
Cable weigth	31,9 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)	4.7 mm		
Tolerance outer diameter (sheath)	±5%		
Material wire insulation			
	PP		
Amount wires	4		
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 ²		
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	3,6 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		

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Flame resistance	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2		
chemical resistance	Good, application-related testing		
Gasoline resistance	Good, application-related testing		
Oil resistance	DIN EN 60811-404 Good, application-related testing		
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	1 Mio.		
Torsion stress	± 360 °/m		
Torsion speed	35 cycles/min		

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