

M8 male 0° / M8 female 0° A-cod.

PUR 4x0.34 bk UL/CSA+drag ch. 0.2m

EtherCAT

Male straight - female straight

M8 - M8, 4-pole

Art-No. 7005 - M8 Lite - (plastic hexagonal screw) on request

Plastic housings with good resistance against chemicals and oils.

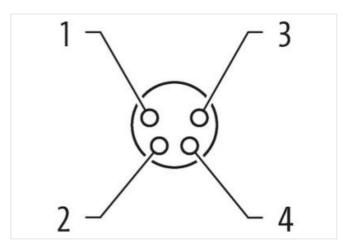
The resistance to aggressive media should be individually tested for your application. Further details on request.

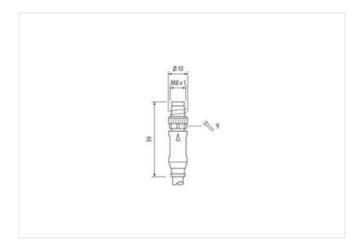
Further cable lengths on request.

Link to Product

Illustration



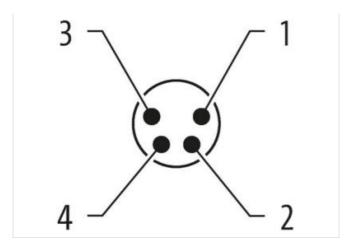


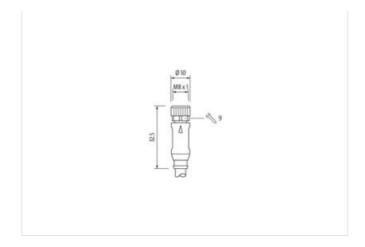






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Product may differ from Image





Cable length	0,2 m
Side 1	
Tightening torque	0,4 Nm
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	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-7.0	27061801
ECLASS-8.0	27061801
ECLASS-9.0	27061801
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879466615
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	50 V
Operating voltage DC max.	60 V
Current operating per contact max.	4 A
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 kV
Material group (IEC 60664-1)	I

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	Mechanical data Material data		
Coating locking	Nickeled		
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.		
	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be		
Note on bending radius	endangered by excessive bending forces.		
Installation Cable			
Cable identification	634		
Cable Type	3		
Jacket Color	black		
Type of Certificate	cURus		
Amount stranding	1		
Stranding	4 wires twisted		
wire arrangement	brown, black, blue, white		
Cable weigth	36,3 g/m		
Material jacket	PUR		
Shore hardness jacket	90 ± 5 Shore A		
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free		
Outer-diameter (jacket)	4,5 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	70 ± 5 Shore D		
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free		
Amount strands (wire)	42		
Diameter of single wires	0,1 mm		
Conductor crosssection (wire)	0,34 mm²		
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	4,8 A		
Electrical resistance line constant wire	57 Ω/km @ 20 °C		
AC withstand voltage (wire - wire)	2,5 kV @ 60 s		
Power frequency withstand voltage (wire - acket)	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 IEC 60332-2-2 UL 1581 § 1100 FT2		
chemical resistance	Good, application-related testing		

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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
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C horizontal
Travel speed (C-track)	3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min