

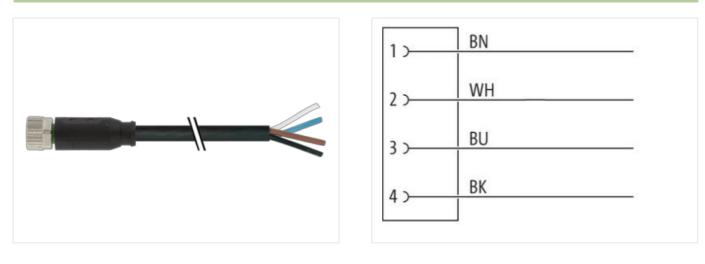
M8 female 0° A-cod. with cable

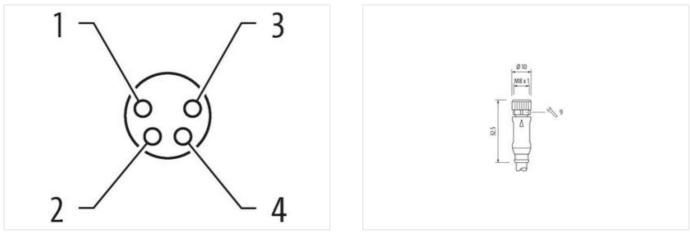
PUR 4x0.34 bk UL/CSA+drag ch. 2m

EtherCAT Female straight 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





Product may differ from Image



2 m

0,4 Nm

Cable length

Side 1

Tightening torque

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Mounting method	inserted, screwed M8
Family construction form	-
Thread	M8 x 1 6.5 mm
suitable for corrugated tube (internal Ø)	e,s mm PUR
Material Width across flats	SM8
Degree of protection (EN IEC 60529)	IP65, IP67
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	4048879628730
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
	*^
Installation Connection	
Mounting set	M8 x 1
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	
Mechanical data Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Vaterial screw connection	Zinc die-casting
	Zine die-casung
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Dperating temperature max.	85 ℃
Additional condition temperature range	depending on cable quality
Important installation notes	
-	Protect the conceptor is a field and a second from we device the device is the the concept of each to the
	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
	endangered by excessive bending forces.
Note on bending radius	
Note on bending radius	
Note on bending radius Installation Cable wire arrangement	endangered by excessive bending forces.
Note on strain relief Note on bending radius Installation Cable wire arrangement Cable identification Cable Type	endangered by excessive bending forces. brown, black, blue, white
Note on bending radius Installation Cable wire arrangement Cable identification	endangered by excessive bending forces. brown, black, blue, white 634

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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
Freedom 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 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	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 - 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 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
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

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