

## M8 male 0° / M8 female 0° A-cod.

PUR 4x0.34 bk UL/CSA+drag ch. 7m

**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.

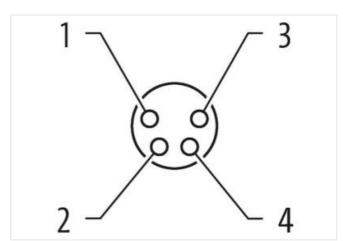
The resistance to aggressive media should be individually tested for your application. Further details on request.

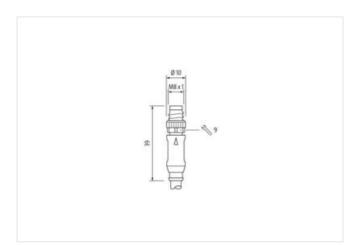
Further cable lengths on request.

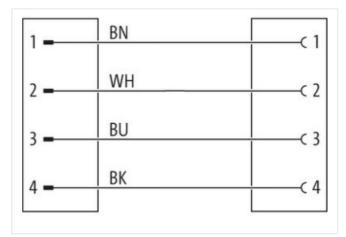
## **Link to Product**

## Illustration



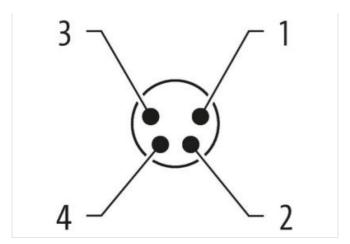


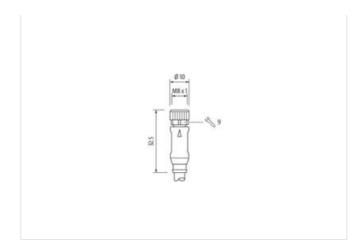






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Product may differ from Image





Cable length	7 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	4048879583626
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)	

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-30



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Coating locking	Nickeled
Material housing	PUR To a street to the street
ocking material	Zinc die-casting
Mechanical data   Mounting data	
Nounting 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	
lote on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
iote on strain reliei	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
lote on bending radius	endangered by excessive bending forces.
Installation   Cable	
Cable identification	634
Cable Type	3
acket Color	black
ype of Certificate	cURus
mount stranding	1
Stranding	4 wires twisted
vire arrangement	brown, black, blue, white
cable weigth	36,3 g/m
laterial jacket	PUR
hore hardness jacket	90 ± 5 Shore A
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
uter-diameter (jacket)	4.5 mm
plerance outer diameter (sheath)	± 5 %
laterial wire insulation	PP
mount wires	4
Outer diameter insulation	1,25 mm
uter diameter tolerance core insulation	±5%
hore hardness wire insulation	70 ± 5 Shore D
agredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
mount strands (wire)	42
iameter of single wires	0,1 mm
onductor crosssection (wire)	0,34 mm²
laterial conductor wire	Stranded copper wire, bare
onductor type (wire)	strand class 6
raversing distance (C-track)	10 m @ 25 °C   horizontal
urrent load capacity (standard)	to DIN VDE 0298-4
urrent load capacity min. wire	4,8 A
lectrical resistance line constant wire	57 Ω/km @ 20 °C
ominal voltage power AC max.	300 V
ower frequency withstand voltage power vire - jacket)	2,5 kV @ 60 s
C withstand voltage power (wire - wire)	2,5 kV @ 60 s
fin. 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
IV 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
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 180 °/m