

M8 male 0° / M8 female 0° A-cod.

PUR 4x0.34 bk UL/CSA+drag ch. 10m

EtherCAT

Male straight - female straight

M8 - M8, 4-pole

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

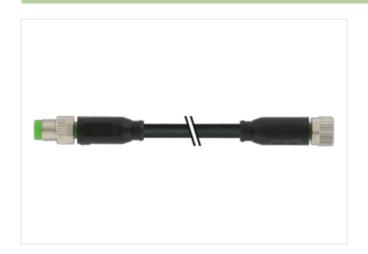
Plastic housings with good resistance against chemicals and oils.

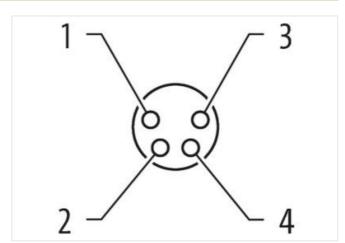
The resistance to aggressive media should be individually tested for your application. Further details on request.

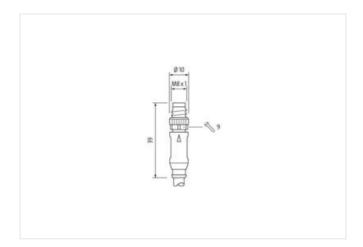
Further cable lengths on request.

Link to Product

Illustration



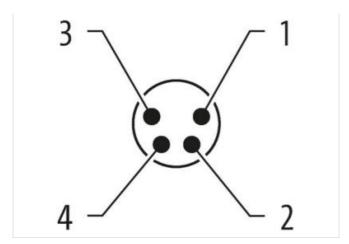


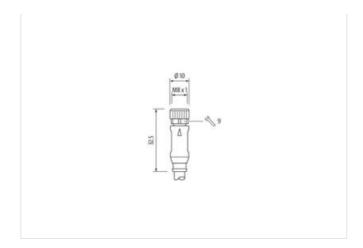






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Product may differ from Image





Cable length	10 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	4048879519823
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

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: 2024-04-19



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Coating locking	Nickeled
Material housing	PUR
ocking material	Zinc die-casting
	Ziric die-casting
lechanical data Mounting data	
ounting method	inserted, screwed, Shaking protection
nvironmental characteristics Climatic	
perating temperature min.	-25 °C
perating temperature max.	85 °C
dditional condition temperature range	depending on cable quality
nstallation Cable	
able identification	634
able Type	3
acket Color	black
ype of Certificate	cURus
mount stranding	1
Stranding	4 wires twisted
vire arrangement	brown, black, blue, white
lo. of bending cycles (C-track)	10 Mio. @ 25 °C
cable weigth	36,3 g/m
faterial jacket	PUR
hore hardness jacket	90 ± 5 Shore A
eedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
uter-diameter (jacket)	4.5 mm
plerance outer diameter (sheath)	± 5 %
aterial wire insulation	PP
mount wires	4
uter diameter insulation	1,25 mm
uter diameter insulation	± 5 %
nore hardness wire insulation	70 ± 5 Shore D
gredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
mount strands (wire)	42
	0.1 mm
ameter of single wires	· · · · · · · · · · · · · · · · · · ·
onductor crosssection (wire)	0,34 mm² Stranded copper wire, have
laterial conductor wire	Stranded copper wire, bare strand class 6
Conductor type (wire) iraversing distance (C-track)	strand class 6 10 m @ 25 °C horizontal
	to DIN VDE 0298-4
current load capacity (standard)	4,8 A
lectrical resistance line constant wire	4,8 A 57 Ω/km @ 20 °C
lectrical resistance line constant wire	300 V
ominal voltage power AC max. Ower frequency withstand voltage power	
ower frequency withstand voltage power vire - jacket)	2,5 kV @ 60 s
C withstand voltage power (wire - wire)	2,5 kV @ 60 s
lin. operating temperature (static)	-40 °C
lax. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
perating temperature min. (dynamic)	-25 °C
perating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
JV resistance	DIN EN ISO 4892-2 A
lame resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
hemical resistance	Good, application-related testing
asoline resistance	Good, application-related testing
	Good, application-related testing DIN EN 60811-404



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