

M8 female 0° A-cod. with cable

PVC 4x0.25 bk UL/CSA 20m

Female straight

M8, 4-pole

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

with cable sleeves

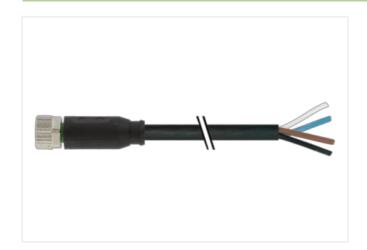
Plastic housings with good resistance against chemicals and oils.

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

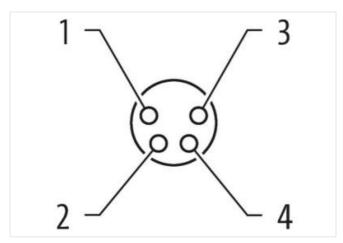
Further cable lengths on request.

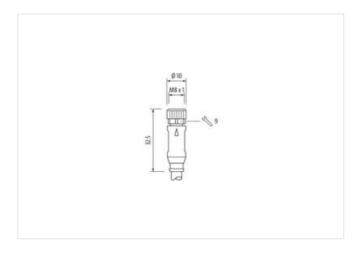
Link to Product

Illustration









Product may differ from Image











Cable length

20 m

Side 1

Tightening torque

0,4 Nm

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stay connected

Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
Coding	Α
Material contact	Copper alloy
Material	PUR
No. of poles	4
Width across flats	SW9
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
Coating contact	gold plated
Family construction form	free cable end
Commercial data	
	07070010
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879229456
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
Diagnostics	
Status indication LED	no
Installation Connection	
Stripping length (jacket)	20 mm
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)	I
Mechanical data Material data	
McCriamoar data Material data	
	Nickeled
Coating locking	
Coating locking Coating of fitting	Nickeled nickel plated FKM
Coating locking Coating of fitting Material gasket	nickel plated
Coating locking Coating of fitting	nickel plated FKM Zinc die-casting
Coating locking Coating of fitting Material gasket Locking material Material screw connection	nickel plated FKM
Coating locking Coating of fitting Material gasket Locking material	nickel plated FKM Zinc die-casting

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perating temperature min.	-25 °C
perating temperature max.	85 °C
dditional condition temperature range	depending on cable quality
mportant installation notes	
ote on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
lote 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	
roduct standard	DIN EN 61076-2-104 (M8)
nstallation Cable	
able identification	611
able Type	1
acket Color	black
ype of Certificate	cURus
mount stranding	1
tranding	4 wires twisted
rire arrangement	brown, black, blue, white
able weigth	34,76 g/m
laterial jacket	PVC
hore hardness jacket	85 ± 5 Shore A
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
uter-diameter (jacket)	4.8 mm
olerance outer diameter (sheath)	±5%
aterial wire insulation	PVC
mount wires	4
uter diameter insulation	1,25 mm
Outer diameter insulation	±5%
hore hardness wire insulation	45 ± 5 Shore D
laterial properties wire insulation	good machinability
gredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
mount strands (wire)	14
iameter of single wires	0,15 mm
onductor crosssection (wire)	0,13 mm²
laterial conductor wire	Stranded copper wire, bare
onductor type (wire)	Strand class 5
lominal voltage AC max.	300 V
surrent load capacity (standard)	to DIN VDE 0298-4
urrent load capacity (standard)	3,6 A
ectrical resistance line constant wire	79 Ω/km @ 20 °C
C withstand voltage (wire - wire)	2 kV @ 60 s
ower frequency withstand voltage (wire - cket)	2 kV @ 60 s
lin. operating temperature (static)	-30 °C
lax. operating temperature (fixed)	80 °C
perating temperature min. (dynamic)	-5 °C
perating temperature max. (dynamic)	80 °C
V resistance	DIN EN ISO 4892-2 A
lame resistance	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
hemical resistance	Good, application-related testing
asoline resistance	Good, application-related testing
bil resistance	DIN EN 60811-404 Good, application-related testing
ending radius (fixed)	5 x Outer diameter
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Product-PDF for Article 7000-08061-6112000

