

M8 male 0° / M8 female 0° A-cod. V4A

FEP 5xAWG22 bk 1m

Male straight - female straight

M8 - M8, 3-pole

Stainless steel 1.4404 (V4A), PTFE coated

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

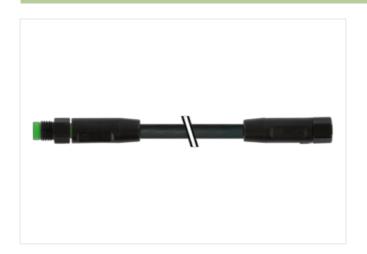
Further cable lengths on request.

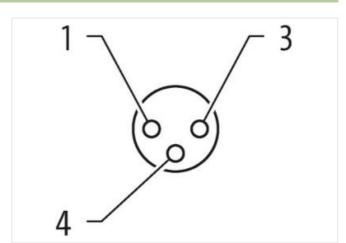
Plastic housings with good resistance against chemicals and oils.

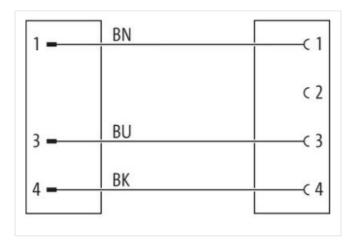
The resistance to aggressive media should be individually tested for your application. Further details on request.

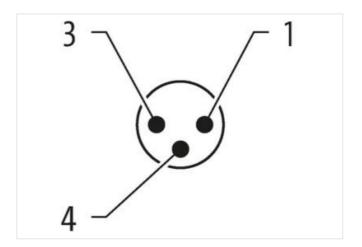
Link to Product

Illustration



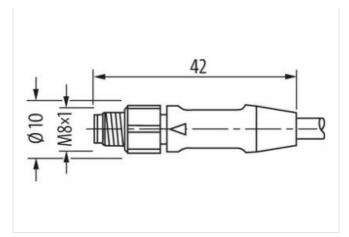


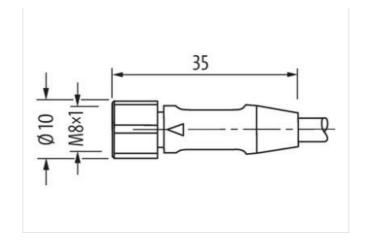






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Product may differ from Image

Side 1 1 Tightening torque 0.4 Nm Family construction form M8 Max 1 M8 x 1 Width across flats SW9 Side 2 Tightening torque 0.4 Nm Thread Max 1 Commercial data ECLASS 6.0 27279218 ECLASS 6.1 27279218 ECLASS 8.0 27279218 ECLASS 8.0 27279218 ECLASS 8.0 27279218 ECLASS 9.0 27060311 ECLASS 9.0 ECO1885 ECLASS 9.0 ECO1885 ECLASS 9.0 <		
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M8 x 1	Side 2	
Commercial data	Tightening torque	0,4 Nm
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Mechanical data Contour for corrugated hose without Mechanical data Material data	Rated surge voltage	1,5 kV
Contour for corrugated hose without Mechanical data Material data	Material group (IEC 60664-1)	I
Mechanical data Material data	Mechanical data	
	Contour for corrugated hose	without
Coating locking PTFE beschichtet	Mechanical data Material data	
	Coating locking	PTFE beschichtet

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: 2024-05-17



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Material gasket	FKM
Material housing	PUR
Locking material	Stainless steel 1.4404 (V4A)
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
	-25 °C
Operating temperature min. Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
	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.
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Installation Cable	
Cable identification	828
Jacket Color	black
Amount stranding	1
Stranding	5 wires around Filler twisted
Banding	PTFE-Folie
Filler	yes
wire arrangement	brown, black, blue, white, green-yellow
Cable weigth	44,88 g/m
Material jacket	FEP
Shore hardness jacket	57 ± 5 Shore D
Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Outer-diameter (jacket)	4,3 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	FEP
Amount wires	5
Outer diameter insulation	1,3 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	55 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Amount strands (wire)	19
Diameter of single wires	22 AWG
Conductor crosssection (wire)	22 AWG
Material conductor wire	copper stranded wire, tinned
Nominal voltage AC max.	600 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	52,2 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-100 °C
Max. operating temperature (fixed)	180 °C
Operating temperature min. (dynamic)	-100 °C
Operating temperature max. (dynamic)	180 °C
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing



Bending radius (fixed) 7,5 x Outer diameter

Bending radius (dynamic) 15 x Outer diameter