

M8 male 0° / M8 female 0° A-cod.

FEP 5x0,38 bk 1m

Male straight - female straight

M8 - M12, 3-pole

Stainless steel 1.4404 (V4A), PTFE coated

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

Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

Further cable lengths on request.

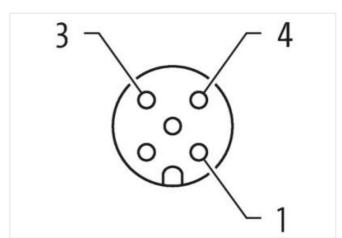
Plastic housings with good resistance against chemicals and oils.

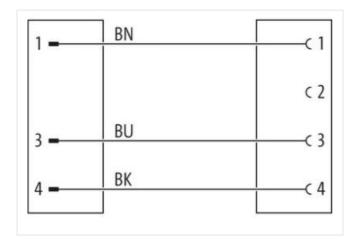
The resistance to aggressive media should be individually tested for your application. Further details on request.

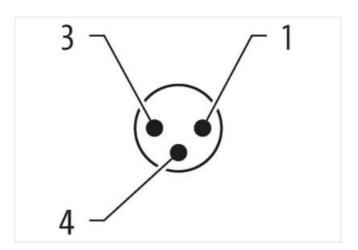
Link to Product

Illustration



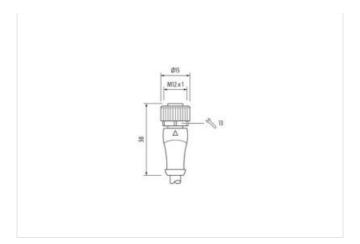


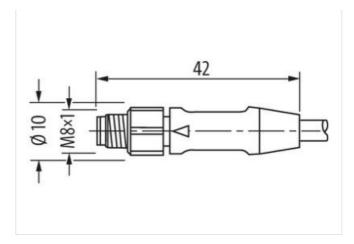






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Product may differ from Image

Cable length	1 m
Side 1	
Tightening torque	0,4 Nm
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Width across flats	SW9
Side 2	
Tightening torque	0,6 Nm
Family construction form	M12
Thread	M12 x 1
Coding	A
Width across flats	SW13
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	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	4048879500708
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	60 V
Operating voltage DC max.	60 V
Current operating per contact max.	4 A
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP67
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV



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Material group	(IEC 60664-1)	
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Locking material Mechanical data Mounting data Muchanien method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min2.5 °C Operating temperature max. 85 °G Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Note on bending radius Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Alternion: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Installation Cable wire arrangement brown, black, blue, white, green-yellow Cable identification 828 adapted Color black Amount stranding 1 FIFE Foile Filler wire arrangement brown, black, blue, white, green-yellow Cable weight 44,88 gm Material jacket FEP Shore hardness jacket 57 4 5 Shore D Freedom from ingredients (jacket) 14,3 mm Coller desirater (jacket) 4,3 mm Tolerance outer clameter (pleater) 4,5 % Shore hardness wire insulation 15 FEP Amount virus 15 Shore D Ingredient freeness wire insulation 16 EAP FOC-free, halogen-free Control clameter insulation 15 FEP Amount strains (weie) 19 Shore D Ingredient freeness wire insulation 16 EAP FOC-free, halogen-free Control clameter (pleater) 24 AWG Control clameter (pleater) 29 AWG Control clameter (pleater) 20 AWG Control control promora	Material group (IEC 60664-1)	I
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Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 4,5 A Electrical resistance line constant wire 52,2 \(\Omega \text{Vm} \) \(\omega \text{0} \) S AC withstand voltage (wire - wire) 2 kV \(\omega \text{60 s} \) Power frequency withstand voltage (wire - included of the constant wire) 2 kV \(\omega \text{60 s} \) Min. operating temperature (static) -100 °C Max. operating temperature (fixed) 180 °C Operating temperature min. (dynamic) -100 °C Operating temperature max. (dynamic) 180 °C	Material conductor wire	copper stranded wire, tinned
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	Nominal voltage AC max.	600 V
Electrical resistance line constant wire 52,2 \(\Omega / \text{km} \emptyset 20 \cdot \text{C} \) AC withstand voltage (wire - wire) 2 kV \(\omega \text{60 s} \) Power frequency withstand voltage (wire - jacket) 2 kV \(\omega \text{60 s} \) Min. operating temperature (static) -100 \(\cdot \text{C} \) Max. operating temperature (fixed) 180 \(\cdot \text{C} \) Operating temperature min. (dynamic) -100 \(\cdot \text{C} \) Operating temperature max. (dynamic) 180 \(\cdot \text{C} \)	Current load capacity (standard)	to DIN VDE 0298-4
AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire - 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	Current load capacity min. wire	4,5 A
Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) 180 °C Operating temperature max. (dynamic) 180 °C	Electrical resistance line constant wire	52,2 Ω/km @ 20 °C
jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) 180 °C Operating temperature max. (dynamic) 180 °C	AC withstand voltage (wire - wire)	2 kV @ 60 s
Max. operating temperature (fixed) 180 °C Operating temperature min. (dynamic) -100 °C Operating temperature max. (dynamic) 180 °C	Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Operating temperature min. (dynamic) -100 °C Operating temperature max. (dynamic) 180 °C	Min. operating temperature (static)	-100 °C
Operating temperature max. (dynamic) 180 °C	Max. operating temperature (fixed)	180 °C
	Operating temperature min. (dynamic)	-100 °C
UV resistance DIN EN ISO 4892-2 A	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