

M12 male 0° / M12 female 90° A-cod. V2A

FEP 5xAWG22 bk 0.6m

Male straight – female 90° M12 – M12, 4-pole Stainless steel 1.4305 (V2A) PTFE coated Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

Plastic housings with good resistance against chemicals and oils.

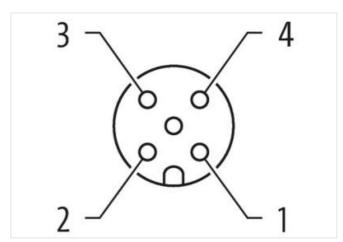
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

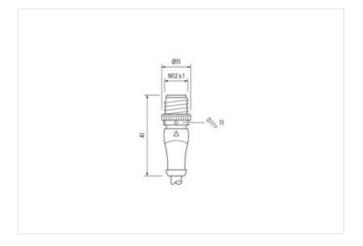
Link to Product

Illustration



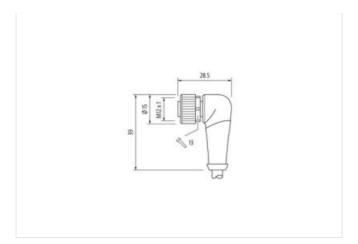


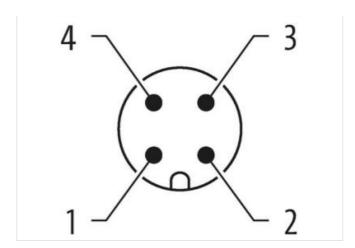






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Product may differ from Image

Cable length	0,6 m
Side 1	
Tightening torque	0,6 Nm
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	Α
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP67
Side 2	
Tightening torque	0,6 Nm
Family construction form	M12
Thread	M12 x 1
Coding	Α
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	4048879474740
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	250 V
Operating voltage DC max.	250 V
Current operating per contact max.	4 A
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	2,5 kV
Material group (IEC 60664-1)	



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Coating locking nut	PTFE beschichtet	
Material gasket	FKM	
Material housing	PUR	
ocking material	Stainless steel 1.4305 (V2A)	
Mechanical data Mounting data		
Mounting 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	
Installation Cable		
•	828	
Cable identification	black	
Jacket Color	1	
Amount stranding	5 wires around Filler twisted	
Stranding		
Banding	PTFE-Folie	
Filler	yes	
vire 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	
ngredient 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	
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	
Nominal voltage power AC max.	600 V	
Power frequency withstand voltage power wire - jacket)	2 kV @ 60 s	
AC withstand voltage power (wire - 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	
JV 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	