

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

FEP 5xAWG22 bk 2m

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

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

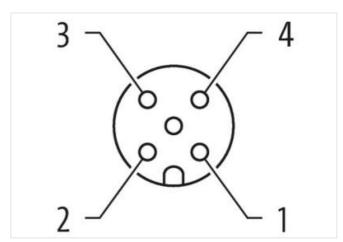
Plastic housings with good resistance against chemicals and oils.

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

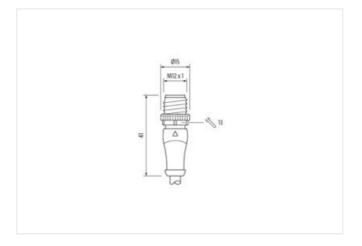
Link to Product

Illustration



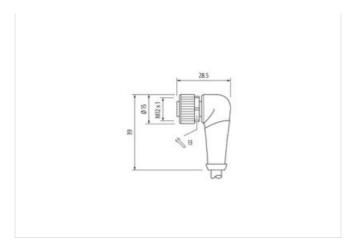


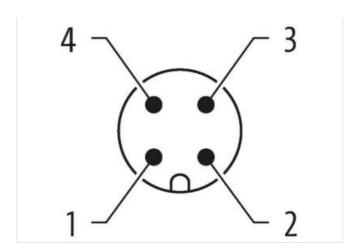






stay connected





Product may differ from Image

2 m	
0,6 Nm	
M12	
M12 x 1	
10 mm	
A	
SW13	
IP67	
0,6 Nm	
M12	
M12 x 1	
A	
27279218	
27279218	
27279218	
27279218	
27060311	
27060311	
27060311	
27060311	
EC001855	
85444290	
4048879474771	
1	
250 V	
250 V	
4 A	
inserted, screwed	
3	
2,5 kV	
	0,6 Nm M12 M12 x 1 10 mm A SW13 IP67 0,6 Nm M12 M12 x 1 A 27279218 27279218 27279218 27279218 27279218 27279218 27060311 27060311 27060311 27060311 1 EC001855 85444290 4048879474771 1 1 250 V 250 V 250 V



stay connected

Coating locking nut	PTFE beschichtet
Material gasket	FKM
Material housing	PUR
Locking material	Stainless steel 1.4305 (V2A)
Mechanical data Mounting data	
	inserted, screwed, Shaking protection
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
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	
vire arrangement	brown, black, blue, white, green-yellow
Cable identification	828
Jacket Color	black
Amount stranding	1
Stranding	5 wires around Filler twisted
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
reedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Outer-diameter (jacket)	4,3 mm
Folerance 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
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 - acket)	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



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