

M12 female 90° A-cod. with cable

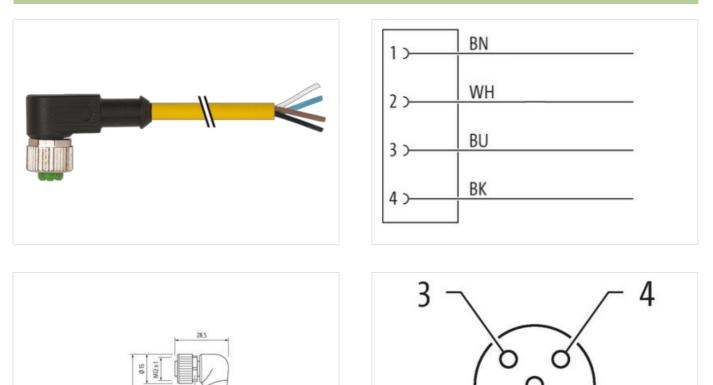
PUR 4x0.34 ye UL/CSA 3m

⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

Female 90° M12, 4-pole Art-No. 7005 - M12 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



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: 2024-05-15

8



3 m
0,6 Nm
inserted, screwed
gold plated
M12
M12 x 1
10 mm
A
Copper alloy
PUR
SW13
IP65, IP66K, IP67
20 mm
gold plated
Copper alloy
27279218
27279218
27279218
27279218
27060311
27060311
27060311
27060311
EC001855
85444290
4048879207553
1
250 V
250 V
30 V
30 V
4 A
20 mm
M12 x 1
inserted, screwed
3
2.5 kV
Nickeled
nickel plated
FKM
Zinc die-casting
Zinc die-casting

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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.
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation Cable	
Cable identification	024
Cable Type	2
Jacket Color	yellow
Type of Certificate	cURus
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	brown, black, blue, white
Cable weigth	42,68 g/m
Material jacket	PUR
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	4,6 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires	4
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	43 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C horizontal
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	
	3,6 A
Electrical resistance line constant wire	·
Electrical resistance line constant wire AC withstand voltage (wire - wire)	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket)	·
AC withstand voltage (wire - wire) Power frequency withstand voltage (wire -	57 Ω/km @ 20 °C 2 kV @ 60 s
AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket)	57 Ω/km @ 20 °C 2 kV @ 60 s 2 kV @ 60 s
AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Min. operating temperature (static)	57 Ω/km @ 20 °C 2 kV @ 60 s 2 kV @ 60 s -30 °C
AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic)	57 Ω/km @ 20 °C 2 kV @ 60 s 2 kV @ 60 s -30 °C 80 °C
AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed)	57 Ω/km @ 20 °C 2 kV @ 60 s 2 kV @ 60 s -30 °C 80 °C -5 °C
AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic)	57 Ω/km @ 20 °C 2 kV @ 60 s 2 kV @ 60 s -30 °C 80 °C -5 °C 80 °C UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
AC withstand voltage (wire - wire) Power frequency withstand voltage (wire - jacket) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance	57 Ω/km @ 20 °C 2 kV @ 60 s 2 kV @ 60 s -30 °C 80 °C -5 °C 80 °C

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Bending radius (fixed)

Bending radius (dynamic) Travel speed (C-track) 10 x Outer diameter 15 x Outer diameter

2 Mio. @ 25 °C