

M12 male 0° A-cod. with cable shielded

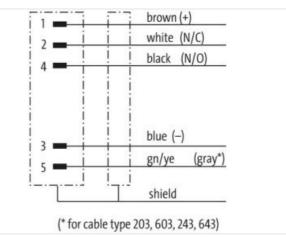
PUR 5x0.34 shielded bk UL/CSA+drag ch. 60m

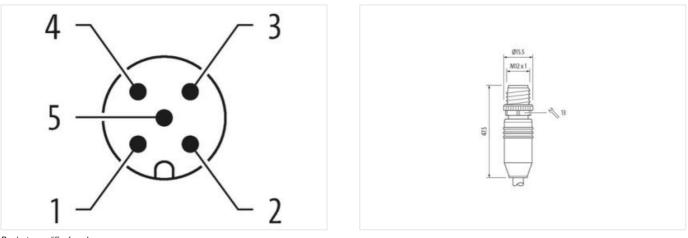
Male straight M12, 5-pole shielded with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

Illustration







Product may differ from Image



Cable length

Side 1

Tightening torque

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: 2024-05-07

60 m

0,6 Nm



M12 M12 x 1 A Copper alloy PUR 5 SW13 IP65, IP66K, IP67 20 mm gold plated
A Copper alloy PUR 5 SW13 IP65, IP66K, IP67 20 mm
Copper alloy PUR 5 SW13 IP65, IP66K, IP67 20 mm
PUR 5 SW13 IP65, IP66K, IP67 20 mm
5 SW13 IP65, IP66K, IP67 20 mm
SW13 IP65, IP66K, IP67 20 mm
IP65, IP66K, IP67 20 mm
20 mm
gold plated
27279218
27279218
27279218
27060311
27060311
27060311
27060311
EC001855
85444290
4048879732239
1
60 V
60 V
30 V
30 V
4 A
no
20 mm
M12 x 1
inserted, screwed
3
3 1,5 kV
urithe stat
without
Nickeled
nickel plated
Zinc die-casting
Zinc die-casting
inserted, screwed, Shaking protection



Operating temperature min.	-25 °C
Operating temperature max.	85 °C
additional condition temperature range	depending on cable quality
Important installation notes	
lote on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
lote 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	
roduct standard	DIN EN 61076-2-101 (M12)
Installation Cable	
•	040
Cable identification Cable Type	643 3
lacket Color	black
ype of Certificate	cURus
Amount stranding	
Stranding	5 wires around Core filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	80 %
Banding	Fleece, Foil
-iller	yes
vire arrangement	brown, black, blue, white, gray
raversing distance (C-track)	5 m @ 25 °C horizontal
Cable weigth	57,2 g/m
laterial jacket	PUR
shore hardness jacket	90 ± 5 Shore A
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Duter-diameter (jacket)	5,6 mm
olerance outer diameter (sheath)	± 5 %
Naterial wire insulation	PP
Amount wires	5
Duter diameter insulation	1,25 mm
Duter diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	70 ± 5 Shore D
ngredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm ²
Naterial conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
lominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
lectrical resistance line constant wire	57 Ω/km @ 20 °C
C withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - acket)	2 kV @ 60 s
C withstand voltage (wire - shield)	2 kV @ 60 s
lin. operating temperature (static)	-40 °C
fax. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Derating temperature min. (dynamic)	-25 °C
Deperating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
JV resistance	DIN EN ISO 4892-2 A
lame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
chemical resistance	Good, application-related testing

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: 2024-05-07



Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	5 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 30 °/m
Torsion speed	35 cycles/min

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: 2024-05-07