

M12 female 0° A-cod. with cable shielded

PVC 5x0.34 shielded bk UL/CSA 25m

M12, 5-pole Female straight shielded

with cable sleeves

Plastic housings with good resistance against chemicals and oils.

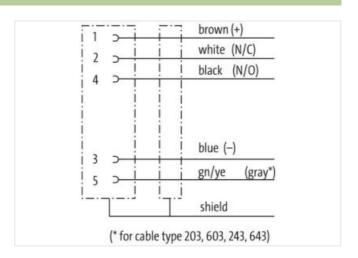
The resistance to aggressive media should be individually tested for your application. Further details on request.

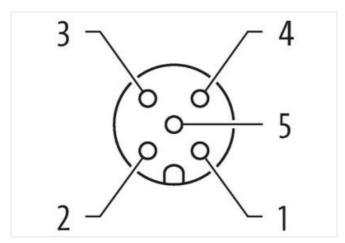
Further cable lengths on request.

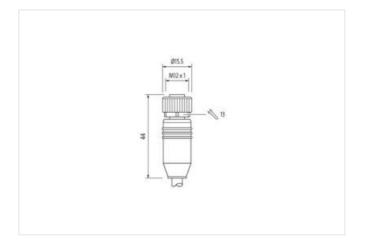
Link to Product

Illustration









Product may differ from Image













Cable length

25 m

Side 1

Tightening torque

0,6 Nm

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: 2024-04-28



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Thread ME2 to ME	Mounting method	inserted, screwed
Timed M12 1 Coding A Coding A Material PUR Width across flass SW13 Degree of protection (EN ISC 60529) PSC, FROK, IPO7 Commedia data ECLASS 6.0 27279218 ECLASS 7.0 27279218 ECLASS 9.0 27279218 ECLASS 9.0 27279218 ECLASS 9.0 27090311 ECLASS 1.1 27080311 ECLASS 1.2.0 27090311 ECLASS 1.2.0 27000311		
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Operating temperature max. 85 °C Additional condition temperature range depending on cable quality	Environmental characteristics Climatic	
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality	Operating temperature min.	-25 °C
Additional condition temperature range depending on cable quality		85 °C
		depending on cable quality

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: 2024-04-28



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lote on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be	
on bending radius	endangered by excessive bending forces.	
Conformity		
roduct standard	DIN EN 61076-2-101 (M12)	
Installation Cable		
Cable identification	603	
Cable Type	1	
acket Color	black	
ype of Certificate	cURus	
mount stranding	1	
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	
Cable weigth	68,2 g/m	
Material jacket	PVC	
Shore hardness jacket	85 ± 5 Shore A	
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free	
Outer-diameter (jacket)	5,6 mm	
olerance outer diameter (sheath)	±5%	
Material wire insulation	PVC	
amount wires	5	
Outer diameter insulation	1,25 mm	
Outer diameter tolerance core insulation	±5%	
shore hardness wire insulation	45 ± 5 Shore D	
Material properties wire insulation	good machinability	
ngredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free	
mount strands (wire)	19	
Diameter of single wires	0,15 mm	
Conductor crosssection (wire)	0,34 mm²	
Material conductor wire	Stranded copper wire, bare	
Conductor type (wire)	Strand class 5	
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	
Iominal voltage power AC max.	300 V	
C withstand voltage power (wire - shield)	2 kV @ 60 s	
ower frequency withstand voltage power wire - jacket)	2 kV @ 60 s	
C withstand voltage power (wire - wire)	2 kV @ 60 s	
fin. operating temperature (static)	-30 °C	
fax. operating temperature (fixed)	80 °C	
Operating temperature min. (dynamic)	-5 °C	
perating temperature max. (dynamic)	80 °C	
IV resistance	DIN EN ISO 4892-2 A	
lame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2	
hemical resistance	Good, application-related testing	
asoline resistance	Good, application-related testing	