

## M12 female 0° A-cod. with cable shielded

PUR 5x0.34 shielded gy 18m

M12, 5-pole Female straight shielded

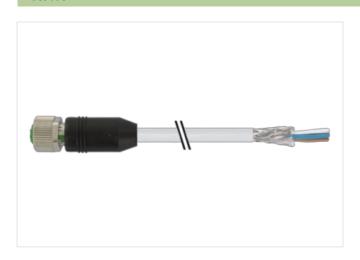
with cable sleeves

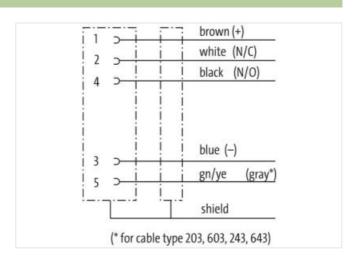
Plastic housings with good resistance against chemicals and oils.

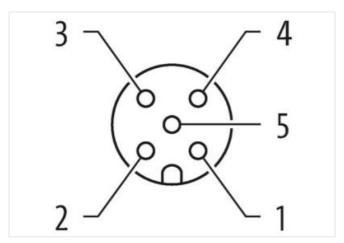
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

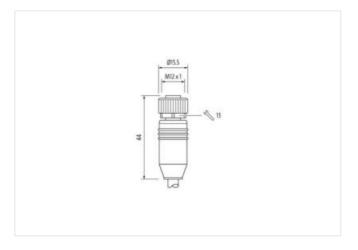
## **Link to Product**

## Illustration









Product may differ from Image









Cable length

18 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: 2024-04-30



stay connected

Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Cable outlet	straight
Coding	A .
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
Commercial data	
ECLASS-6.0	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	4048879557078
Packaging unit	1
Electrical data   Supply	
Operating voltage AC max.	60 V
Operating voltage DC max.	60 V
Current operating per contact max.	4 A
Installation   Connection	
Stripping length (jacket)	20 mm
Mounting set	M12 x 1
Gender	female
Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	
Material group (IEC 60664-1)	1,5 kV
	'
Mechanical data	
Contour for corrugated hose	without
Mechanical data   Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
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
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.

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stay connected

Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be Note on bending radius endangered by excessive bending forces.

endangered by excessive bending forces.
DIN EN 61076-2-101 (M12)
0.40
349
gray
1
5 wires around Core filler twisted
copper braid, tinned
85 %
Fleece, Foil
yes
brown, black, blue, white, green-yellow
59,4 g/m
PUR
85 ± 5 Shore A
lead-free, cadmium-free, CFC-free, halogen-free
5,9 mm
± 5 %
PVC
gray
PVC
5
1,45 mm
±5%
85 ± 5 Shore A
good machinability
lead-free, cadmium-free, CFC-free, silicone-free
42
0,1 mm
0.34 mm <sup>2</sup>
Stranded copper wire, bare
strand class 6
5 m @ 25 °C
to DIN VDE 0298-4
4,5 A
57 Ω/km @ 20 °C
<del>-</del>
350 V
1,5 kV @ 60 s
2 kV @ 60 s
2 kV @ 60 s
-40 °C
80 °C
-5 °C
70 °C
70 °C
IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2
IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2  Good, application-related testing
IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2



Bending radius (fixed) 10 x Outer diameter

Bending radius (dynamic) 15 x Outer diameter