

## M12 male 90° A-cod. with cable shielded

PUR 5x0.34 shielded bk UL/CSA+drag ch. 1.5m

Male 90° M12, 5-pole shielded A-coded

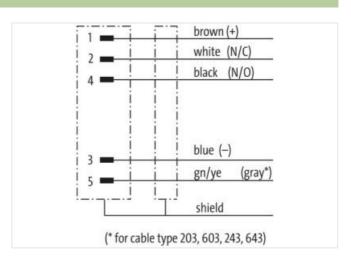
Plastic housings with good resistance against chemicals and oils.

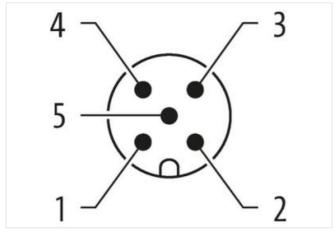
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

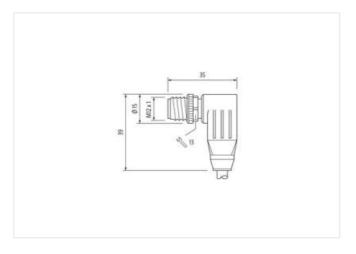
## **Link to Product**

## Illustration









Product may differ from Image













Cable length

1,5 m

Side 1

Tightening torque

0,6 Nm



stay connected

Coating contact         gold plated           Family construction form         M12           Thread         M12 x 1           Coding         A           Material contact         Copper alloy           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 2           Coating contact         gold plated           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           ECLASS-12.0         27060311           ECIMS-5.0         EC001855           customs tariff number         85444290           GTIN         4048879543453	
Family construction form         M12           Thread         M12 x 1           Coding         A           Material contact         Copper alloy           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Side 2           Coating contact         gold plated           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	
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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	
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ECLASS-10.1       27060311         ECLASS-11.1       27060311         ECLASS-12.0       27060311         ETIM-5.0       EC001855         customs tariff number       85444290	
ECLASS-11.1       27060311         ECLASS-12.0       27060311         ETIM-5.0       EC001855         customs tariff number       85444290	
ECLASS-12.0       27060311         ETIM-5.0       EC001855         customs tariff number       85444290	
ETIM-5.0         EC001855           customs tariff number         85444290	
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GTIN 40488/9543453	
Packaging unit 1	
Electrical data   Supply	
Operating voltage AC max. 60 V	
Operating voltage DC max. 60 V	
Operating voltage AC (UL-listed) 30 V	
Operating voltage DC (UL-listed) 30 V	
Current operating per contact max. 4 A	
Installation   Connection	
Mounting set M12 x 1	
Device protection   Electrical	
Additional condition protection degree inserted, screwed	
Pollution Degree 3	
Rated surge voltage 1,5 kV	
Material group (IEC 60664-1)	
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 min25 °C	
Operating temperature max. 85 °C	
Additional condition temperature range depending on cable quality	-
Conformity	
Product standard DIN EN 61076-2-101 (M12)	
Installation   Cable	



## stay connected

642
3
black
cURus
1
5 wires around Core filler twisted
copper braid, tinned
80 %
Fleece, Foil
yes
brown, black, blue, white, green-yellow
5 Mio. @ 25 °C
57,2 g/m
PUR
90 ± 5 Shore A
lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
5.6 mm
± 5 %
PP
5
1.25 mm
±5%
70 ± 5 Shore D
lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
42
0,1 mm
0,34 mm <sup>2</sup>
Stranded copper wire, bare
strand class 6
5 m @ 25 °C   horizontal
to DIN VDE 0298-4
4.5 A
4,5 A 57 Ω/km @ 20 °C
300 V
2 kV @ 60 s
2 kV @ 60 s
2 kV @ 60 s
-40 °C
80 °C / 90 °C @ 10000 h Operation
-25 °C
80 °C / 90 °C @ 10000 h Operation
DIN EN ISO 4892-2 A
DIN EN ISO 4892-2 A
DIN EN ISO 4892-2 A  UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  Good, application-related testing  Good, application-related testing
DIN EN ISO 4892-2 A  UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  Good, application-related testing
DIN EN ISO 4892-2 A  UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  Good, application-related testing  Good, application-related testing
DIN EN ISO 4892-2 A  UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  Good, application-related testing  Good, application-related testing  DIN EN 60811-404   Good, application-related testing
DIN EN ISO 4892-2 A  UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  Good, application-related testing  Good, application-related testing  DIN EN 60811-404   Good, application-related testing  5 x Outer diameter
DIN EN ISO 4892-2 A  UL 1581 § 1090   IEC 60332-2-2   UL 1581 § 1100 FT2  Good, application-related testing  Good, application-related testing  DIN EN 60811-404   Good, application-related testing  5 x Outer diameter  10 x Outer diameter