

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

PUR 5x0.34 shielded gy 40m

M12, 5-pole Female straight shielded

with cable sleeves

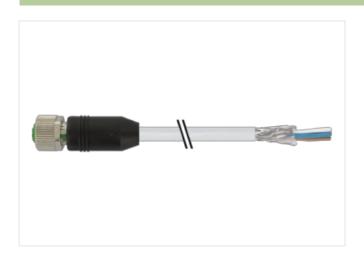
Plastic housings with good resistance against chemicals and oils.

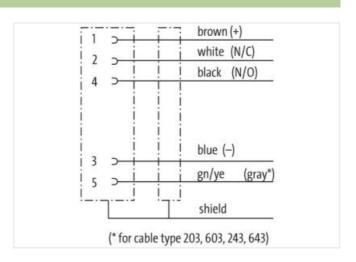
The resistance to aggressive media should be individually tested for your application. Further details on request.

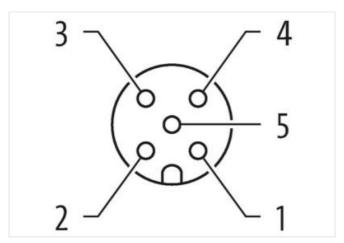
Further cable lengths on request.

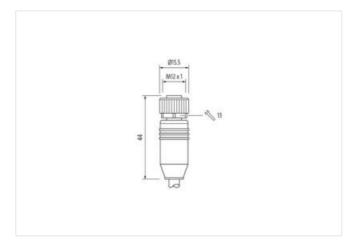
## **Link to Product**

## Illustration









Product may differ from Image









Cable length

40 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



Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 Cable outlet straight Coding Α Material PUR Width across flats SW13 IP65, IP66K, IP67 Degree of protection (EN IEC 60529) Side 2 20 mm Stripping length (jacket) 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 4048879332576 Packaging unit 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 Rated surge voltage 1,5 kV Material group (IEC 60664-1) 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

		, ,	
The information in this Produ	ct-PDF has been compiled with the utmost car	re.	
Liability for the correctness of	ompleteness and tonicality of the information is	s restricted to gross hegligence. Version: 2024	04-30
Liability for the correctness of	empleteness and topicality of the information is	s restricted to gross negligence. Version: 2024	-04-30

-25 °C

85 °C

Environmental characteristics | Climatic

Additional condition temperature range

Operating temperature min.

Operating temperature max.

Conformity

Product standard

depending on cable quality

DIN EN 61076-2-101 (M12)



## stay connected

Installation   Cable		
Cable identification	349	
Jacket Color	gray	
Amount stranding	1	
Stranding	5 wires around Core filler twisted	
Cable shielding (type)	copper braid, tinned	
Cable shielding (coverage)	85 %	
Banding	Fleece, Foil	
Filler	yes	
wire arrangement	brown, black, blue, white, green-yellow	
Cable weigth	59,4 g/m	
Material jacket	PUR	
Shore hardness jacket	85 ± 5 Shore A	
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free	
Outer-diameter (jacket)	5.9 mm	
Tolerance outer diameter (sheath)	±5%	
Material inner jacket	PVC	
Color (inner jacket)	gray	
Material wire insulation	PVC	
Amount wires	5	
Outer diameter insulation	1,45 mm	
Outer diameter tolerance core insulation	±5%	
Shore hardness wire insulation	85 ± 5 Shore A	
Material properties wire insulation	good machinability	
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free	
Amount strands (wire)	42	
Diameter of single wires	0.1 mm	
Conductor crosssection (wire)	0,34 mm <sup>2</sup>	
Material conductor wire	Stranded copper wire, bare	
Conductor type (wire)	strand class 6	
No. of bending cycles (C-track)	0,1 Mio. @ 25 °C	
Traversing distance (C-track)	5 m @ 25 °C	
Current load capacity (standard)	to DIN VDE 0298-4	
Current load capacity (standard)  Current load capacity min. wire	4,5 A	
Electrical resistance line constant wire		
	57 Ω/km @ 20 °C	
Max. rated voltage power (conductor - ground)  Max. rated voltage power (conductor -	300 V	
conductor)	350 V	
AC withstand voltage power (wire - shield)	1,5 kV @ 60 s	
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s	
AC withstand voltage power (wire - wire)	2 kV @ 60 s	
Min. operating temperature (static)	-40 °C	
Max. operating temperature (fixed)	80 °C	
Operating temperature min. (dynamic)	-5 °C	
Operating temperature max. (dynamic)	70 °C	
Flame resistance	IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2	
chemical resistance	Good, application-related testing	
Gasoline resistance	Good, application-related testing	
Oil resistance	DIN EN 60811-404   Good, application-related testing	
	10 x Outer diameter	
Bending radius (fixed)	10 x Outer diameter	