

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

PVC 4x0.34 shielded gy 25m

Female 90° M12, 4-pole shielded

with cable sleeves

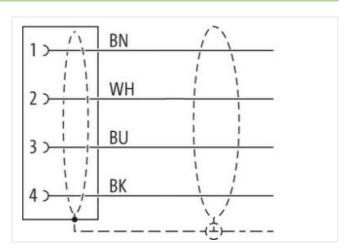
Plastic housings with good resistance against chemicals and oils.

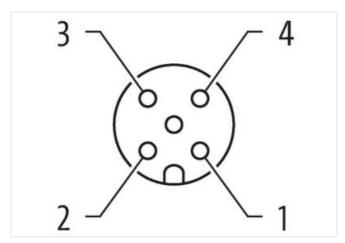
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

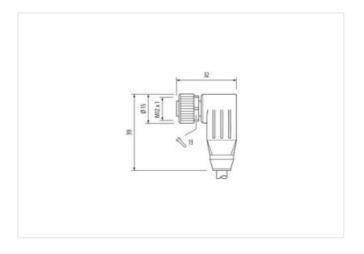
## **Link to Product**

## Illustration









Product may differ from Image











Cable length

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: 2024-04-30



stay connect	ted

Mounting method	inserted, screwed		
Family construction form	M12		
Thread	M12 x 1		
Coding	A		
Material	PUR		
Width across flats	SW13		
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67		
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	4048879199216		
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			
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			
	inserted assured Obelian asstation		
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.		
Note on bending radius	<b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.		
Conformity			
Product standard	DIN EN 61076-2-101 (M12)		
Installation   Cable			
Cable identification	330		
-	gray		

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		stay connected

Amount stranding	1
Stranding	4 wires twisted
Stranding factor min.	74 mm
Stranding factor max.	74 mm
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Fleece, Foil
wire arrangement	brown, black, blue, white
Cable weigth	53,9 g/m
Material jacket	PVC
Shore hardness jacket	85 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free
Outer-diameter (jacket)	5,9 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PVC
Amount wires	4
Outer diameter insulation	1,4 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	85 Shore A
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Max. rated voltage power (conductor - ground)	300 V
Max. rated voltage power (conductor - conductor)	500 V
AC withstand voltage power (wire - shield)	1,5 kV @ 60 s
Power frequency withstand voltage power (wire - jacket)	1,5 kV @ 60 s
AC withstand voltage power (wire - wire)	1,5 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	00 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter