

M12 female 90° A-cod. with cable shielded

PUR 4x0.34 shielded gy 2.5m

Female 90° M12, 4-pole shielded

with cable sleeves

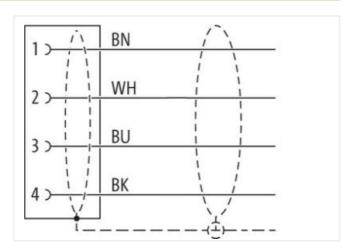
Plastic housings with good resistance against chemicals and oils.

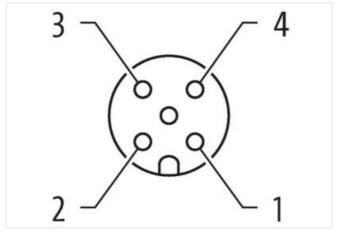
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

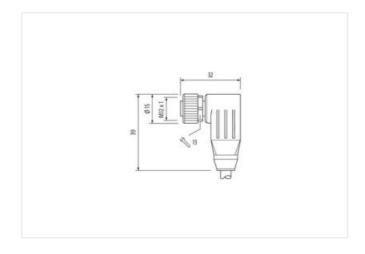
Link to Product

Illustration









Product may differ from Image











Cable length

2,5 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: 2024-04-25



stay connecte	2d

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	27061801
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
customs tariff number	85444290
GTIN	4065909025345
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)	I
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
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation Cable	
Cable identification	331
Jacket Color	gray
Amount stranding	1
Stranding	4 wires twisted
Banding	Fleece, Foil
wire arrangement	brown, black, blue, white
No. of bending cycles (C-track)	0,1 Mio. @ 25 °C
	0,1 Mio. @ 25 °C PUR
No. of bending cycles (C-track)	



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	4
Outer diameter insulation	1,4 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	85 ± 5 Shore A
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 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C
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
wax. rated voltage power (conductor ground)	300 V
Max. rated voltage power (conductor - conductor)	350 V
Max. rated voltage power (conductor -	
Max. rated voltage power (conductor - conductor)	350 V
Max. rated voltage power (conductor - conductor) AC withstand voltage power (wire - shield) Power frequency withstand voltage power	350 V 1,5 kV @ 60 s
Max. rated voltage power (conductor - conductor) AC withstand voltage power (wire - shield) Power frequency withstand voltage power (wire - jacket)	350 V 1,5 kV @ 60 s 2 kV @ 60 s
Max. rated voltage power (conductor - conductor) AC withstand voltage power (wire - shield) Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire)	350 V 1,5 kV @ 60 s 2 kV @ 60 s 2 kV @ 60 s
Max. rated voltage power (conductor - conductor) AC withstand voltage power (wire - shield) Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static)	350 V 1,5 kV @ 60 s 2 kV @ 60 s 2 kV @ 60 s -30 °C
Max. rated voltage power (conductor - conductor) AC withstand voltage power (wire - shield) Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed)	350 V 1,5 kV @ 60 s 2 kV @ 60 s 2 kV @ 60 s -30 °C 80 °C
Max. rated voltage power (conductor - conductor) AC withstand voltage power (wire - shield) Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic)	350 V 1,5 kV @ 60 s 2 kV @ 60 s 2 kV @ 60 s -30 °C 80 °C -5 °C
Max. rated voltage power (conductor - conductor) AC withstand voltage power (wire - shield) Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic)	350 V 1,5 kV @ 60 s 2 kV @ 60 s 2 kV @ 60 s -30 °C 80 °C -5 °C 70 °C
Max. rated voltage power (conductor - conductor) AC withstand voltage power (wire - shield) Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance	350 V 1,5 kV @ 60 s 2 kV @ 60 s 2 kV @ 60 s -30 °C 80 °C -5 °C 70 °C UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
Max. rated voltage power (conductor - conductor) AC withstand voltage power (wire - shield) Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance	350 V 1,5 kV @ 60 s 2 kV @ 60 s -30 °C 80 °C -5 °C 70 °C UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing
Max. rated voltage power (conductor - conductor) AC withstand voltage power (wire - shield) Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance	350 V 1,5 kV @ 60 s 2 kV @ 60 s -30 °C 80 °C -5 °C 70 °C UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing Good, application-related testing
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