

M12 male 90° A-cod. with cable shielded

PUR 4x0.34 shielded gy 3m

Male 90° M12, 4-pole shielded A-coded

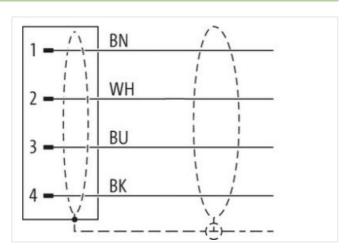
Plastic housings with good resistance against chemicals and oils.

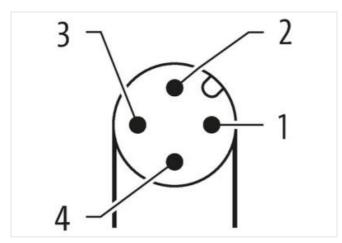
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

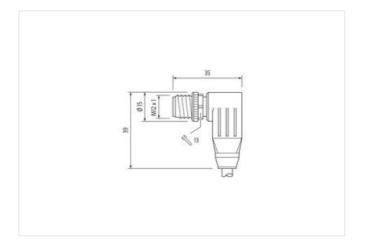
Link to Product

Illustration









Product may differ from Image









Cable length

3 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



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Mounting method	inserted envised
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12 M12 x 1
Thread	
Coding	A Company allow
Material contact Material	Copper alloy PUR
	4
No. of poles Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	II 65, II 66K, II 67
Stripping length (jacket)	20 mm
Coating contact	gold plated
Commercial data	got place
	07070010
ECLASS-6.0 ECLASS-6.1	27279218
ECLASS-6.1 ECLASS-7.0	27279218 27279218
ECLASS-7.0 ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879200615
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
Diagnostics	
Status indication LED	no
Installation Connection	
Stripping length (jacket)	20 mm
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 and the second se
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	
	05.00
Operating temperature min.	-25 °C
Operating temperature min. Operating temperature max. Additional condition temperature range	85 °C depending on cable quality

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Important installation notes	
lote on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
lote on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Conformity	
roduct standard	DIN EN 61076-2-101 (M12)
	Sitt Elt Olor (Elt.)
nstallation Cable	
able identification	331
acket Color	gray
mount stranding	1
tranding	4 wires twisted
anding	Fleece, Foil
rire arrangement	brown, black, blue, white
laterial jacket	PUR
hore hardness jacket	85 ± 5 Shore A
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
uter-diameter (jacket)	5,9 mm
olerance outer diameter (sheath)	±5%
aterial inner jacket	PVC
olor (inner jacket)	gray
aterial wire insulation	PVC
mount wires	4
uter diameter insulation	1,4 mm
uter diameter tolerance core insulation	±5%
ore hardness wire insulation	85 ± 5 Shore A
gredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
mount strands (wire)	42
ameter of single wires	0,1 mm
onductor crosssection (wire)	0,34 mm ²
laterial conductor wire	Stranded copper wire, bare
onductor type (wire)	strand class 6
raversing distance (C-track)	5 m @ 25 °C
urrent load capacity (standard)	to DIN VDE 0298-4
urrent load capacity min. wire	4,8 A
ectrical resistance line constant wire	57 Ω/km @ 20 °C
ax. rated voltage power (conductor - ground)	300 V
ax. rated voltage power (conductor - onductor)	350 V
C withstand voltage power (wire - shield)	1,5 kV @ 60 s
ower frequency withstand voltage power ire - jacket)	2 kV @ 60 s
C withstand voltage power (wire - wire)	2 kV @ 60 s
in. operating temperature (static)	-30 °C
ax. operating temperature (fixed)	0° 08 °C
perating temperature min. (dynamic)	-5 ℃
perating temperature max. (dynamic)	70 °C
ame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
nemical resistance	Good, application-related testing
asoline resistance	Good, application-related testing
il resistance	Good, application-related testing DIN EN 60811-404
o. of bending cycles (C-track)	0,1 Mio. @ 25 °C
ending radius (installation)	x Outer diameter

Product-PDF for Article 7000-13141-3310300

