

M12 male 90° A-cod. with cable shielded

PUR 4x0.34 shielded gy 20m

Male 90° M12, 4-pole shielded A-coded

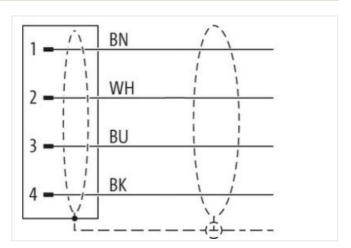
Plastic housings with good resistance against chemicals and oils.

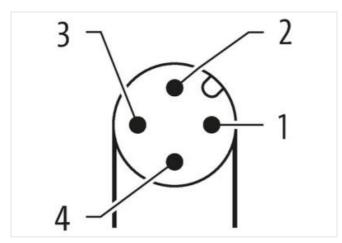
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

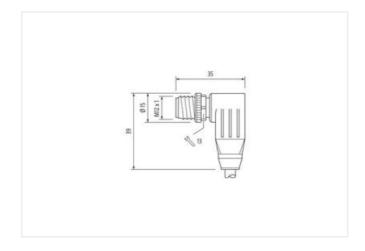
Link to Product

Illustration









Product may differ from Image









Cable length

20 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: 2024-05-16

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stay connected

Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	4
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
Coating contact	gold plated
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	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	4048879200561
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
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

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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	
Product standard	DIN EN 61076-2-101 (M12)
Installation Cable	
	004
able identification	331
acket Color	gray 1
mount stranding tranding	
	4 wires twisted
anding	Fleece, Foil
vire arrangement	brown, black, blue, white PUR
laterial jacket	
Shore hardness jacket	85 ± 5 Shore A
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	5,9 mm
olerance outer diameter (sheath)	± 5 %
laterial inner jacket	PVC
color (inner jacket)	gray
Material wire insulation	PVC
mount wires	4
outer diameter insulation	1,4 mm
outer diameter tolerance core insulation	±5%
shore hardness wire insulation	85 ± 5 Shore A
ngredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
mount strands (wire)	42
iameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm²
laterial conductor wire	Stranded copper wire, bare
conductor type (wire)	strand class 6
raversing distance (C-track)	5 m @ 25 °C
lax. rated voltage (conductor - conductor)	350 V
lax. rated voltage (conductor - ground)	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
lectrical resistance line constant wire	57 Ω/km @ 20 °C
C withstand voltage (wire - wire)	2 kV @ 60 s
lower frequency withstand voltage (wire -	2 kV @ 60 s
C withstand voltage (wire - shield)	1,5 kV @ 60 s
fin. operating temperature (static)	-30 °C
ax. operating temperature (fixed)	80 °C
perating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °C
lame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
hemical resistance	Good, application-related testing
Sasoline resistance	Good, application-related testing
Dil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	10 x Outer diameter
ending radius (fixed) ending radius (dynamic)	15 x Outer diameter