

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

PUR 4x0.34 shielded gy 1.5m

Male 90° M12, 4-pole shielded A-coded

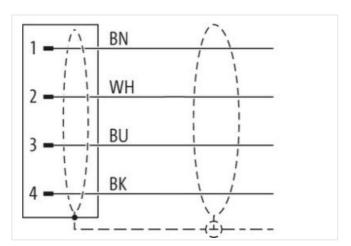
Plastic housings with good resistance against chemicals and oils.

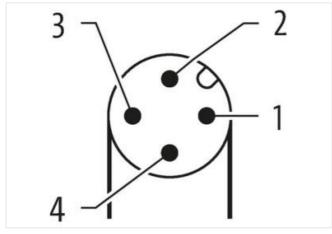
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

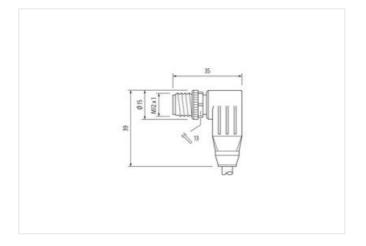
## **Link to Product**

## Illustration









Product may differ from Image









Cable length

1,5 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: 2024-05-05



stay connected

Mounting method	inserted, screwed
Mounting method	*
Coating contact	gold plated
Family construction form Thread	M12
	M12 x 1
Coding	A Consequence
Material contact  Material	Copper alloy PUR
No. of poles Width across flats	4 SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	1F03, IF00K, IF07
Stripping length (incket)	20 mm
Stripping length (jacket)  Coating contact	gold plated
Commercial data	gold plated
	07070040
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0 ECLASS-8.0	27279218 27279218
ECLASS-9.0	27060311
ECLASS-10.1 ECLASS-11.1	27060311 27060311
ECLASS-11.1	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879200639
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 min.	
Operating temperature max.  Additional condition temperature range	85 °C depending on cable quality

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: 2024-05-05



## stay connected

ote on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
ote 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	
roduct standard	DIN EN 61076-2-101 (M12)
nstallation   Cable	
	004
able identification	331
acket Color	gray
mount stranding	1
tranding	4 wires twisted
anding .	Fleece, Foil
rire arrangement	brown, black, blue, white
raversing distance (C-track)	5 m @ 25 °C
aterial jacket	PUR
nore hardness jacket	85 ± 5 Shore A
eedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
uter-diameter (jacket)	5,9 mm
plerance outer diameter (sheath)	±5%
laterial inner jacket	PVC
olor (inner jacket)	gray
aterial wire insulation	PVC
nount wires	4
uter diameter insulation	1,4 mm
uter diameter tolerance core insulation	±5%
nore 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 <sup>2</sup>
aterial conductor wire	Stranded copper wire, bare
onductor type (wire)	strand class 6
ax. rated voltage (conductor - conductor)	350 V
ax. rated voltage (conductor - ground)	300 V
urrent load capacity (standard)	to DIN VDE 0298-4
urrent 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
ower frequency withstand voltage (wire -	2 kV @ 60 s
C withstand voltage (wire - shield)	1,5 kV @ 60 s
in. operating temperature (static)	-30 °C
ax. operating temperature (fixed)	80 °C
perating temperature min. (dynamic)	-5 °C
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
ending radius (installation)	x Outer diameter
ending radius (fixed)	10 x Outer diameter
ending radius (dynamic)	15 x Outer diameter
ravel speed (C-track)	0,1 Mio. @ 25 °C