

M12 male 0° A-cod. with cable shielded

PUR 4x0.34 shielded gy 5m

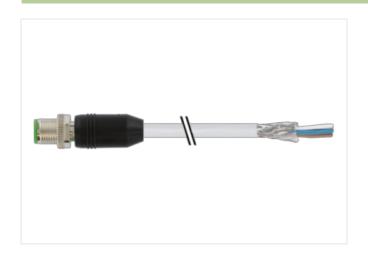
Male straight M12, 4-pole A-coded shielded

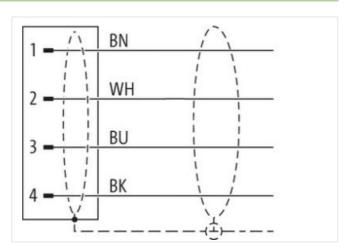
Plastic housings with good resistance against chemicals and oils.

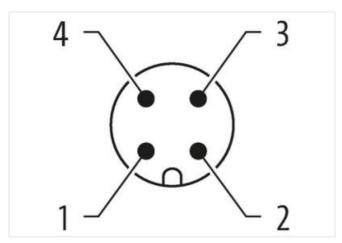
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

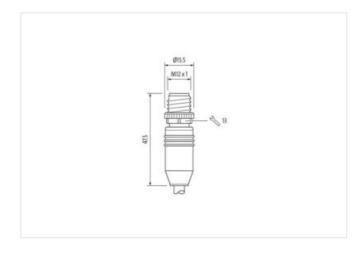
Link to Product

Illustration









Product may differ from Image









Cable length

5 m

Side 1

Tightening torque

0,6 Nm

The information in this Product-PDF has been compiled with the utmost care.

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Manustina mathad	included accounted
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12 M12 x 1
Thread	
Coding	A Constraint
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	ii 65, ii 66K, ii 67
Stripping length (jacket)	20 mm
Coating contact	gold plated
Commercial data	gold pictod
	07070040
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1 ECLASS-11.1	27060311 27060311
ECLASS-12.0	27060311
ETIM-5.0	
customs tariff number	EC001855 85444290
GTIN	4048879201254
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	
Environmental characteristics Climatic Operating temperature min.	-25 °C
Environmental characteristics Climatic	-25 °C 85 °C depending on cable quality

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mportant installation notes	
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	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)
nstallation Cable	
•	221
able identification acket Color	331
mount stranding	gray 1
tranding	4 wires twisted
anding	Fleece, Foil
rire arrangement Iaterial jacket	brown, black, blue, white PUR
· · · · · · · · · · · · · · · · · · ·	
hore hardness jacket	85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free
reedom from ingredients (jacket)	
outer-diameter (jacket)	5,9 mm
olerance outer diameter (sheath)	±5% PVC
laterial inner jacket olor (inner jacket)	
laterial wire insulation	gray PVC
	4
mount wires	
uter diameter insulation	1,4 mm
uter diameter tolerance core insulation	±5%
hore 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 mm²
laterial conductor wire	Stranded copper wire, bare
onductor 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
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 - cket)	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
oil resistance	Good, application-related testing DIN EN 60811-404
ending radius (installation)	x Outer diameter
ending radius (fixed)	10 x Outer diameter