

M12 male 0° A-cod. with cable shielded

PUR 4x0.34 shielded gy 0.3m

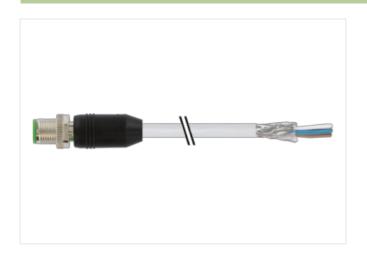
Male straight M12, 4-pole A-coded shielded

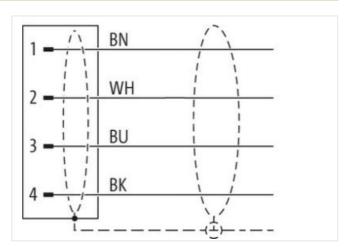
Plastic housings with good resistance against chemicals and oils.

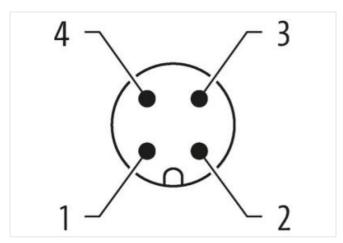
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

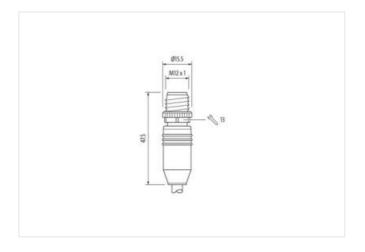
Link to Product

Illustration









Product may differ from Image









Cable length

0,3 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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Mounting method	incorted carried
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 plates
	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	
Packaging unit	4048879295017
Electrical data Supply	'
	60 V
Operating voltage AC max. Operating voltage DC max.	60 V
Current operating per contact max.	4 A
	48
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

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Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note 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	
vire arrangement	brown, black, blue, white
Cable identification	331
acket Color	
Amount stranding	gray 1
Stranding	4 wires twisted
Banding	Fleece, Foil
vire arrangement	brown, black, blue, white
Material jacket	PUR
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	
Outer-diameter (jacket) Olerance outer diameter (sheath)	5,9 mm
. , ,	±5% PVC
Material inner jacket	-
Color (inner jacket)	gray PVC
Material wire insulation	
Amount 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
amount strands (wire)	42
liameter 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
lax. rated voltage (conductor - conductor)	350 V
fax. 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 - cket)	2 kV @ 60 s
C withstand voltage (wire - shield)	1,5 kV @ 60 s
fin. operating temperature (static)	-30 °C
fax. operating temperature (fixed)	80 °C
perating temperature min. (dynamic)	-5 °C
perating temperature max. (dynamic)	70 °C
lame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
nemical 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
Bending radius (dynamic)	15 x Outer diameter
No. of bending cycles (C-track)	0,1 Mio. @ 25 °C
raversing distance (C-track)	5 m @ 25 °C

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Travel speed (C-track)

3 m/s @ 25 °C