

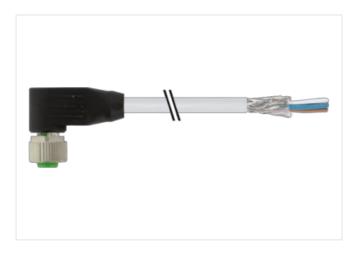
M12 female 90° A-cod. with cable shielded

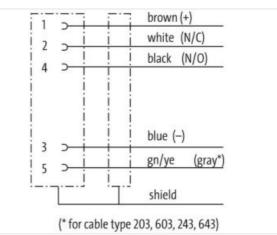
PUR 5x0.34 shielded gy 10m

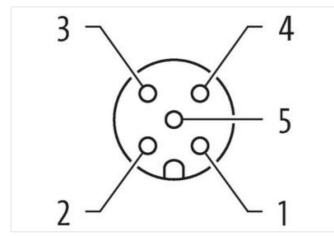
Female 90° M12, 5-pole shielded with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

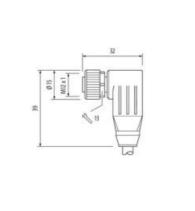
Link to Product

Illustration









Product may differ from Image



Cable length

Side 1

10 m

0,6 Nm

Tightening torque

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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	5
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-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	4048879198882
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	
· ·	20 mm
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)	
Mechanical data	
Contour for corrugated hose	without
Mechanical data Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Material gasket	FKM
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection

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Operating temperature min.	-25 °C
Operating temperature max.	85 °C
additional condition temperature range	depending on cable quality
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)
nstallation Cable	
cable identification	349
acket Color	gray
mount stranding	1
stranding	5 wires around Core filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
anding	Fleece, Foil
iller	yes
vire arrangement	brown, black, blue, white, green-yellow
raversing distance (C-track)	5 m @ 25 °C
Cable weigth	59,4 g/m
laterial jacket	PUR
hore hardness jacket	85 ± 5 Shore A
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free
uter-diameter (jacket)	5,9 mm
olerance outer diameter (sheath)	± 5 %
laterial inner jacket	PVC
olor (inner jacket)	gray
laterial wire insulation	PVC
mount wires	5
outer diameter insulation	1,45 mm
Outer diameter tolerance core insulation	± 5 %
hore hardness wire insulation	85 ± 5 Shore A
laterial properties wire insulation	good machinability
gredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
mount strands (wire)	42
Viameter of single wires	0,1 mm
conductor crosssection (wire)	0,34 mm ²
laterial conductor wire	Stranded copper wire, bare
onductor type (wire)	strand class 6
ax. rated voltage (conductor - conductor)	350 V
ax. rated voltage (conductor - ground) urrent load capacity (standard)	300 V to DIN VDE 0298-4
urrent load capacity (standard)	4,5 A
lectrical resistance line constant wire	4,5 A 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
lin. operating temperature (static)	-40 °C
fax. operating temperature (fixed)	0° 08 ℃
Derating temperature min. (dynamic)	-5 °C
perating temperature max. (dynamic)	70 °C
lame resistance	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2

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chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter
Travel speed (C-track)	0,1 Mio. @ 25 °C

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