

M12 female 0° A-cod. with cable shielded

PVC 5x0.34 shielded bk UL/CSA 1.5m

M12, 5-pole Female straight shielded

with cable sleeves

Plastic housings with good resistance against chemicals and oils.

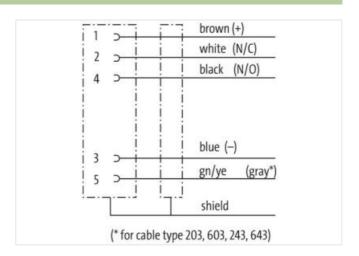
The resistance to aggressive media should be individually tested for your application. Further details on request.

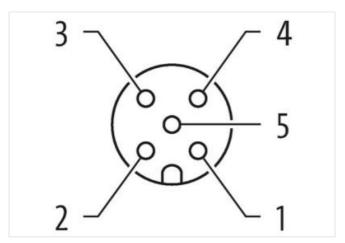
Further cable lengths on request.

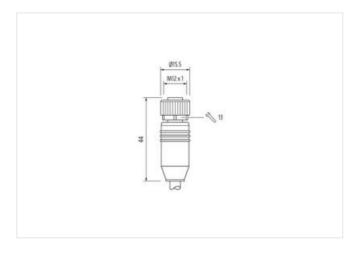
Link to Product

Illustration









Product may differ from Image













Cable length

1,5 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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Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Cable outlet	straight
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
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	4048879515122
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	60 V
Operating voltage DC max.	60 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Installation Connection	
Stripping length (jacket)	20 mm
Mounting set	M12 x 1
Gender	female
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	
Contour for corrugated hose	without
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 Climati	С
Operating temperature min.	-25 °C

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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	
roduct standard	DIN EN 61076-2-101 (M12)
Installation Cable	
cable identification	603
cable Type	1
acket Color	black
ype of Certificate	cURus
mount stranding	1
tranding	5 wires around Core filler twisted
cable shielding (type)	copper braid, tinned
cable shielding (coverage)	80 %
anding	Fleece, Foil
iller	
rire arrangement	brown, black, blue, white, gray
Cable weigth	68,2 g/m
Aabie weigtn Material jacket	PVC
•	85 ± 5 Shore A
thore hardness jacket	lead-free, cadmium-free, CFC-free, silicone-free
reedom from ingredients (jacket)	
Outer-diameter (jacket) olerance outer diameter (sheath)	5,6 mm
· · ·	±5%
Material wire insulation	PVC
mount wires	5
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	±5%
hore hardness wire insulation	45 ± 5 Shore D
laterial properties wire insulation	good machinability
ngredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
mount strands (wire)	19
liameter of single wires	0,15 mm
conductor crosssection (wire)	0,34 mm²
laterial conductor wire	Stranded copper wire, bare
conductor type (wire)	Strand class 5
current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
lectrical resistance line constant wire	57 Ω/km @ 20 °C
ominal voltage power AC max.	300 V
C withstand voltage power (wire - shield)	2 kV @ 60 s
lower frequency withstand voltage power wire - jacket)	2 kV @ 60 s
C withstand voltage power (wire - wire)	2 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)	80 °C
IV resistance	DIN EN ISO 4892-2 A
lame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
hemical resistance	Good, application-related testing
asoline resistance	Good, application-related testing
asonne resistance	dood, application related testing