

M12 female 0° A-cod. with cable shielded

PVC 5x0.34 shielded gy 35m

M12, 5-pole

Female straight

shielded

with cable sleeves

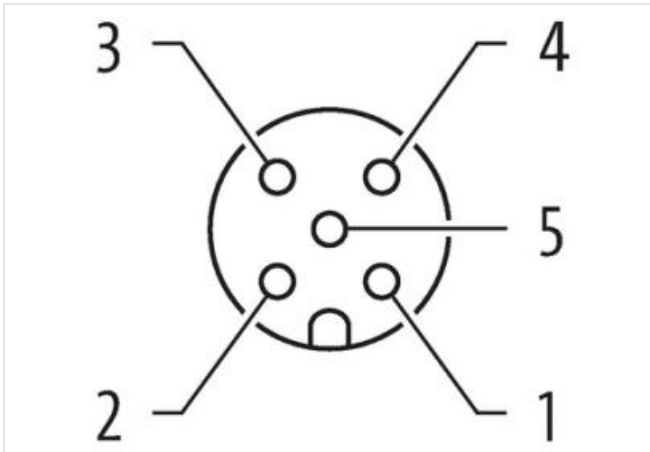
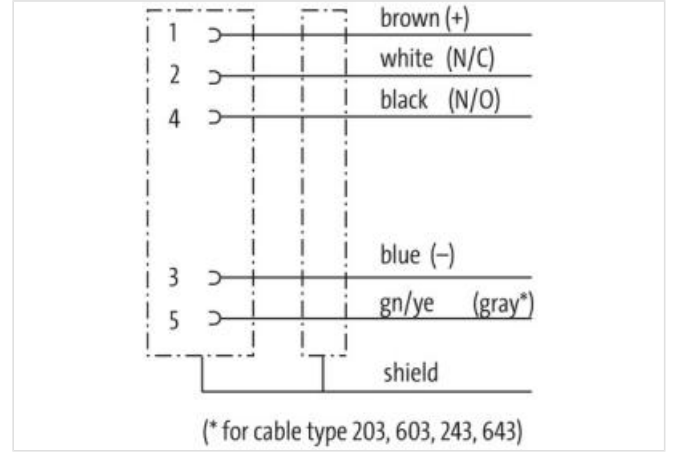
Plastic housings with good resistance against chemicals and oils.

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

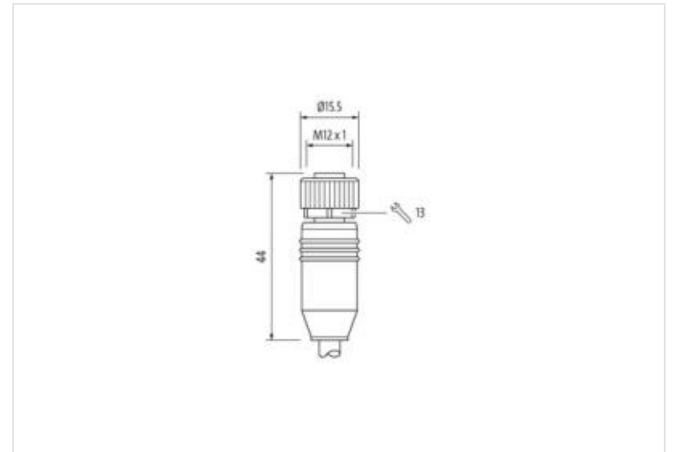
Further cable lengths on request.

Ürün Linki

örnekleme



Ürün Image farklı olabilir



Cable length

35 m

Side 1

Tightening torque

0,6 Nm

Bu veri sayfasındaki bilgiler en büyük özenle hazırlandı.

Bilgilerin doğruluğu bütünlüğü ve güncelliği konusunda yükümlülük ihmalı sınırlıdır. Sürüm: 2024-05-21

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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
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Ticari bilgiler

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
GTIN	4048879673013
Gümrük tarife no (gtip)	85444290
Paket miktarı	1

Electrical data | Supply

Operating voltage AC max.	60 V
Operating voltage DC max.	60 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
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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
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Environmental characteristics | Climatic

Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality

Important installation notes

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

wire arrangement brown, black, blue, white, green-yellow

Cable identification 348

Jacket Color gray

Amount stranding 1

Stranding 5 wires around Core filler twisted

Stranding factor min. 75 mm

Stranding factor max. 75 mm

Cable shielding (type) copper braid, tinned

Cable shielding (coverage) 85 %

Banding Foil

Filler yes

wire arrangement brown, black, blue, white, green-yellow

Cable weight 72,05 g/m

Material jacket PVC

Shore hardness jacket 75 Shore A

Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free

Outer-diameter (jacket) 5,9 mm

Tolerance outer diameter (sheath) $\pm 5 \%$

Material wire insulation PVC

Amount wires 5

Outer diameter insulation 1,4 mm

Outer diameter tolerance core insulation $\pm 5 \%$

Shore hardness wire insulation 85 Shore A

Ingredient freeness wire insulation lead-free, CFC-free

Amount strands (wire) 42

Diameter of single wires 0,1 mm

Conductor crosssection (wire) 0,34 mm²

Material conductor wire Stranded copper wire, bare

Conductor type (wire) strand class 6

Max. rated voltage (conductor - conductor) 500 V

Max. rated voltage (conductor - ground) 300 V

Current load capacity (standard) to DIN VDE 0298-4

Current load capacity min. wire 4,8 A

Electrical resistance line constant wire 57 Ω /km @ 20 °C

AC withstand voltage (wire - wire) 1,5 kV @ 60 s

Power frequency withstand voltage (wire - jacket) 1,5 kV @ 60 s

AC withstand voltage (wire - shield) 1,5 kV @ 60 s

Min. operating temperature (static) -30 °C

Max. operating temperature (fixed) 80 °C

Operating temperature min. (dynamic) -5 °C

Operating temperature max. (dynamic) 70 °C

Flame resistance UL 1581 § 1100 FT2 | UL 1581 § 1090 | IEC 60332-2-2

chemical resistance Good, application-related testing

Gasoline resistance Good, application-related testing

Oil resistance Good, application-related testing | DIN EN 60811-404

Bending radius (dynamic) 15 x Outer diameter