

M12 male 0° A-cod. with cable shielded

PUR 5x0.34 shielded gy UL/CSA 1m

⚠ NOTICE ⚠**PRODUCT WILL BE DISCONTINUED BY MARCH 2023. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.**

Male straight

M12, 5-pole

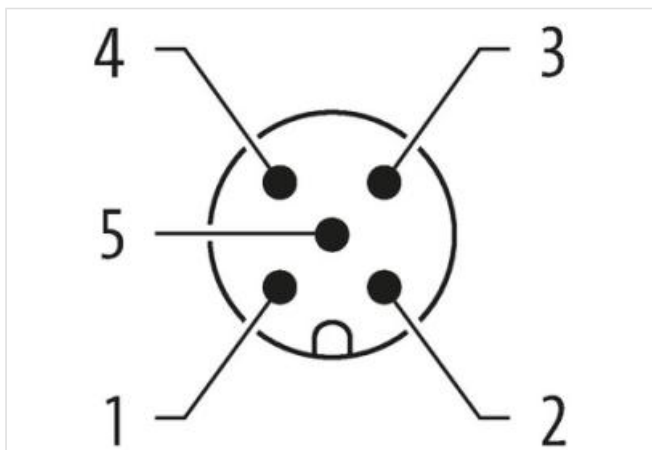
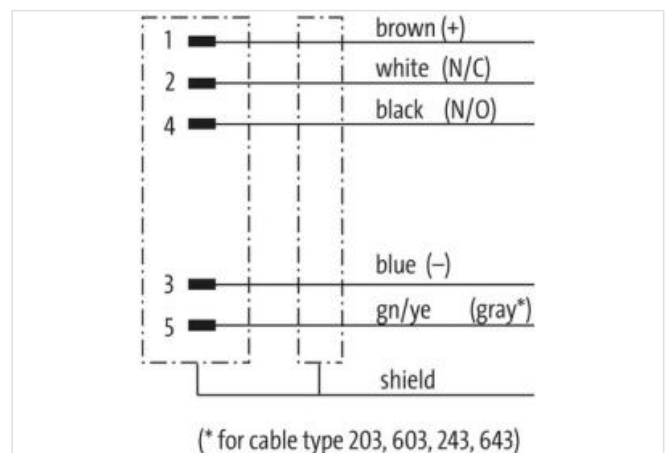
shielded

with cable sleeves

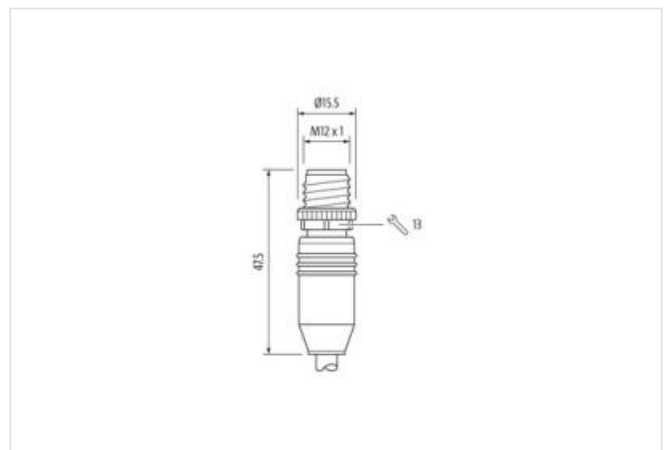
Plastic housings with good resistance against chemicals and oils.

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 1 m

Side 1

Tightening torque	0,6 Nm
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-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	4048879362863
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

Diagnostics

Status indication LED	no
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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

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

Environmental characteristics | Climatic

Operating temperature min. -25 °C

Operating temperature max. 85 °C

Additional condition temperature range depending on cable quality

Conformity

Product standard DIN EN 61076-2-101 (M12)

Installation | Cable

Cable identification 351

Jacket Color gray

Amount stranding 1

Stranding 5 wires twisted

Cable shielding (type) copper braiding, bare

wire arrangement brown, white, blue, black, gray

Material jacket PUR

Outer-diameter (jacket) 6,9 mm

Tolerance outer diameter (sheath) ± 5 %

Material wire insulation PP

Amount wires 5

Conductor crosssection (wire) 0,34 mm²

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

Min. operating temperature (static) -40 °C

Max. operating temperature (fixed) 80 °C

Operating temperature min. (dynamic) -20 °C

Operating temperature max. (dynamic) 80 °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 (fixed) 10 x Outer diameter

Bending radius (dynamic) 15 x Outer diameter