

Preassembled cables

M12 connection technology

With connector, 5 pin



Female connector with coupling nut, B coded, right-angle

PUR cable, 2 x 0.34 mm² [AWG22]

flame retardant, seawater resistant, recyclable, PWIS free, acid/alkali/oil/ozon/UV resistant, halogen/silicone free, hydrolysis proof, drag chain-adapted, torsion resistant, welding sparks resistant

Single-ended



Order details

Order no.

for Bus in

Cable length

2 m [6.56']

05.00.6011.3311.002M

5 m [16.40']

05.00.6011.3311.005M

...

xx m

05.00.6011.3311.0xxM

standard cable length
(further on request)

xx = length in meters:
2, 5, 10, 15, 20, 30

Technical data

Connector

material housing
protection

metal / plastic
IP67

Wire cross sections

2 x 0.34 mm² [AWG22]

Working temperature range

flexible installation
fixed installation

-25 °C ... +80 °C [-13 °F ... +176 °F]
-50 °C ... +80 °C [-58 °F ... +176 °F]

Bending radius cable min.

flexible installation
fixed installation

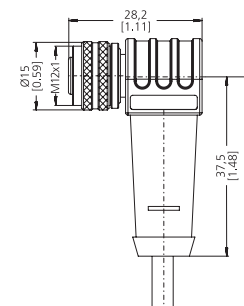
114 mm [4.49"]
38 mm [1.50"]

Cable sheath

cable diameter approx.
material sheath

7.6 mm ±0.2 mm
PUR

Dimensions in mm [inch]



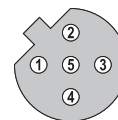
Connections

Terminal assignment

| | | | | | |
|----------------------|------|----|------|----|------|
| Pin female contacts: | 1 | 2 | 3 | 4 | 5 |
| Core color: | n.c. | GN | n.c. | RD | n.c. |

Shield on housing

Plug-in face, B coded



Suitable for our series

| Encoders singleturn | Encoders multiturn | Draw-wire encoders | Linear measuring systems | Slip rings |
|---------------------|--------------------|------------------------------------|--------------------------|------------|
| 5858 / 5878 | 5868 / 5888 | B75 B80 C105 C120 D135 | Limes KIT TB1 | SR160 |