

Cables and connectors

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

Male connector with external thread, B coded, right-angle



Order details

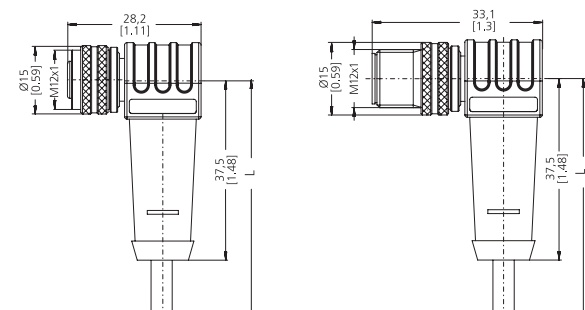
Order no.

| | | | |
|------------------|---|-------------|---|
| for Bus in / out | Cable length | 1 m [3.28'] | 05.00.6011.3533.001M |
| | | 2 m [6.56'] | 05.00.6011.3533.002M |
| | | ... | ... |
| | | xx m | 05.00.6011.3533.0xxM |
| | standard cable length (further on request) | | xx = length in meters: 1, 2, 3, 5, 8, 10, 12, 15, 20, 25, 30 |

Technical data

| | |
|----------------------------------|--|
| Connector | |
| material housing | metal / plastic |
| protection | IP67 |
| Wire cross sections | 2 x 0.34 mm ² [AWG22] |
| Working temperature range | |
| flexible installation | -25 °C ... +80 °C [-13 °F ... +176 °F] |
| fixed installation | -50 °C ... +80 °C [-58 °F ... +176 °F] |
| Bending radius cable min. | |
| flexible installation | 114 mm [4.49"] |
| fixed installation | 38 mm [1.50"] |
| Cable sheath | |
| cable diameter approx. | 7.6 mm ±0.2 mm |
| material sheath | PUR |

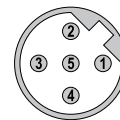
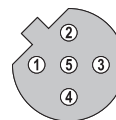
Dimensions in mm [inch]



Connections

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 |