## Preassembled cables | M12 connection technology | With connector, 5 pin

**Female connector with coupling nut, stainless steel V4A, A coded, straight**

**PUR cable, 2 x 0.25 mm² [AWG23] + 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**

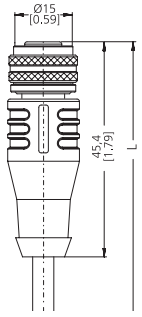
### Order details

| | | Order no. |
|---|---|---|
| Cable length | 2 m [6.56']<br>5 m [16.40']<br>...<br>xx m | **05.00.6021.E211.002M**<br>**05.00.6021.E211.005M**<br>**...**<br>**05.00.6021.E211.0xxM** |
| | standard cable length (further on request) | xx = length in meters: 2, 5, 10, 15, 20, 30 |

### Technical data

| | |
|---|---|
| **Connector** | |
| material housing | stainless steel V4A / plastic |
| protection | IP67 |
| **Wire cross sections** | 2 x 0.25 mm² [AWG23] + 2 x 0.34 mm² [AWG22] + shield |
| **Working temperature range** | |
| flexible installation | -30 °C ... +90 °C [-22 °F ... +194 °F] |
| fixed installation | -40 °C ... +90 °C [-40 °F ... +194 °F] |
| **Bending radius cable min.** | |
| flexible installation | 47 mm [1.85"] |
| fixed installation | 23.5 mm [0.93"] |
| **Cable sheath** | |
| cable diameter approx. | 6.9 mm ±0,3 mm |
| material sheath | PUR |

Dimensions in mm [inch]



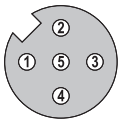

### Connections

Terminal assignment

| Pin female contacts: | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| Core color: | ⏚ | RD | BK | WH | BU |

Shield is connected to pin 1

Plug-in face, A coded




### Suitable for our series

| Encoders incremental | Encoders singleturn | Encoders multiturn | Draw-wire encoders | Linear measuring systems | Inclinometers | Slip rings |
|---|---|---|---|---|---|---|
| 5000 / 5020<br>KIS50 / KIH50<br>A02H | 3651 / 3671<br>M3651A(R) / M3671A<br>M3658A(R) / M3678A<br>F3653 / F3673<br>F3658 / F3678<br>M5851A<br>M5878A<br>5858 / 5878<br>S3674 | M3661(R) / M3681<br>M3668(R) / M3688<br>F3668 / F3688<br>M5861<br>M5868<br>5868 / 5888<br>F5868 / F5888<br>F5888M Motor-Line<br>S3684 | A41<br>A50<br>B75<br>B80<br>C60<br>C100<br>C105<br>C120<br>D120<br>D125<br>D135 | Limes KIT TB1 | IN88 | SR160 |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