

# Cables and connectors

**Preassembled cables**

**M12 connection technology**

**With connector, 12 pin**



**Female connector with coupling nut, A coded, straight**

**PUR cable, 6 x 2 x 0.14 mm<sup>2</sup> [AWG25]**

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**

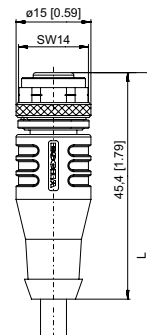
Order no.

Cable length	2 m [6.56']	<b>05.00.60B1.B211.002M</b>
	5 m [16.40']	<b>05.00.60B1.B211.005M</b>
	...	...
	xx m	<b>05.00.60B1.B211.0xxM</b>
standard cable length (further on request)		xx = length in meters: 2, 5, 10, 15, 20, 30

**Technical data**

<b>Connector</b>	
material housing	metal / plastic
protection	IP67
<b>Wire cross sections</b>	6 x 2 x 0.14 mm <sup>2</sup> [AWG25]
<b>Working temperature range</b>	
flexible installation	-30 °C ... +90 °C [-22 °F ... +194 °F]
fixed installation	-40 °C ... +90 °C [-40 °F ... +194 °F]
<b>Bending radius cable min.</b>	
flexible installation	90 mm [3.54"]
fixed installation	37.5 mm [1.48"]
<b>Cable sheath</b>	
cable diameter approx.	7.5 mm ±0.2 mm
material sheath	PUR

Dimensions in mm [inch]



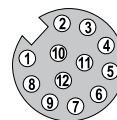
**Connections**

Terminal assignment

Pin female contacts:	1	2	3	4	5	6	7	8	9	10	11	12
Core color:	WH	BN	GN	YE	GY	PK	BU	RD	BK	VT	GY/PK	RD/BU

Shield on housing

Plug-in face, A coded



**Suitable for our series**

Encoders incremental	Bearingless encoders	Magnetic length measuring systems
A02H	RLA50	LA10