

# Cables and connectors

**Preassembled cables**

**M12 connection technology**

**With connector, 4 pin**



**Female connector with coupling nut, A coded, right-angle**

**PUR cable, 4 x 0.34 mm<sup>2</sup> [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**

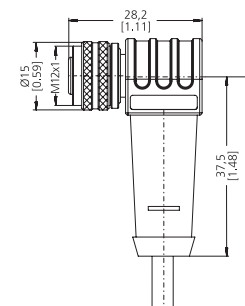
Order no.

For supply voltage	Cable length	2 m [6.56']	<b>05.00.6061.6311.002M</b>
		5 m [16.40']	<b>05.00.6061.6311.005M</b>
		...	...
		xx m	<b>05.00.6061.6311.0xxM</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>	4 x 0.34 mm <sup>2</sup> [AWG22]
<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	47.0 mm [1.85"]
fixed installation	23.5 mm [0.93"]
<b>Cable sheath</b>	
cable diameter approx.	5.2 mm ±0.2 mm
material sheath	PUR

Dimensions in mm [inch]

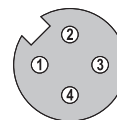


**Connections**

Terminal assignment

Pin female contacts:	1	2	3	4
Core color:	BN	WH	BU	BK

Plug-in face, A coded



**Suitable for our series**

Encoders singleturn	Encoders multiturn	Draw-wire encoders	Linear measuring systems	Inclinometers
M3651A(R) / M3671A	M3661(R) / M3681	A41	Limes KIT TB1	IN81
M3658A / M3678A	M3668 / M3688	A50		
M5851A	M5861	B75		
M5858A	M5868	B80		
F5858 / F5878	F5868 / F5888	C60		
S5858 / S5878	S5868 / S5888	C100		
5858 / 5878	5868 / 5888	C105		
S3674	S3684	C120		
		D120		
		D125		
		D135		