

# Cables and connectors

**Preassembled cables**

**M12 connection technology**

**With connector, 5 pin**



**Male connector with external thread, A coded, right-angle**

**PVC cable, 3 x 2 x 0.25 mm<sup>2</sup> [AWG23]**  
 seawater resistant, recyclable, PWIS free,  
 acid/alkali/oil/ozon/UV resistant

**Single-ended**



**Order details**

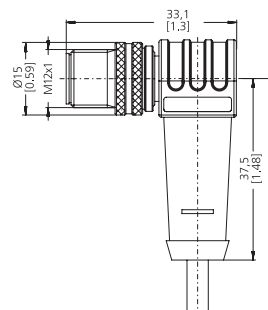
Order no.

for Bus out	Cable length	2 m [6.56']	<b>05.00.6091.A511.002M</b>
		5 m [16.40']	<b>05.00.6091.A511.005M</b>
		...	...
		xx m	<b>05.00.6091.A511.0xxM</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>	3 x 2 x 0.25 mm <sup>2</sup> [AWG23] + shield
<b>Working temperature range</b>	-30 °C ... +90 °C [-22 °F ... +194 °F]
<b>Bending radius cable min.</b>	
flexible installation	70 mm [2.76"]
fixed installation	45 mm [1.77"]
<b>Cable sheath</b>	
cable diameter approx.	4.7 mm ±0.2 mm
material sheath	PVC

Dimensions in mm [inch]



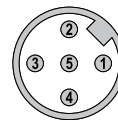
**Connections**

Terminal assignment

Pin male contacts:	1	2	3	4	5
Core color:	GY	BN	WH	GN	YE

Shield on housing

Plug-in face, A coded



**Suitable for our series**

Encoders singleturn	Encoders multiturn	Linear measuring systems
5858 / 5878	5868 / 5888	Limes KIT TB1