

Cables and connectors

Preassembled cables

M12 connection technology

With connector, 5 pin



Female connector with coupling nut, B coded, straight

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

Single-ended



Order details

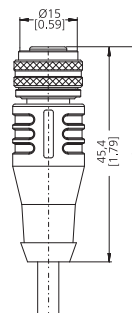
Order no.

for Bus in	Cable length	1 m [3.28']	05.00.6011.3211.001M
		2 m [6.56']	05.00.6011.3211.002M
	
		xx m	05.00.6011.3211.0xxM
	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]



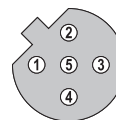
Connections

Terminal assignment

Pin female contacts:	1	2	3	4	5
Core color:	n.c.	GN	n.c.	RD	n.c.

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