

Cables and connectors

Preassembled cables

M12 connection technology

With connector, 5 pin



Female connector with coupling nut, A coded, straight

PVC cable, 3 x 2 x 0.25 mm² [AWG23]
seawater resistant, recyclable, PWIS free,
acid/alkali/oil/ozon/UV resistant

Male connector with external thread, A coded, straight



Order details

Order no.

for Bus in / out

Cable length

2 m [6.56']

5 m [16.40']

05.00.6091.A4A2.002M

05.00.6091.A4A2.005M

...

xx m

05.00.6091.A4A2.0xxM

xx = length in meters:

2, 5, 10, 15, 20, 30

standard cable length
(further on request)

Technical data

Connector

material housing
protection

metal / plastic
IP67

Wire cross sections

3 x 2 x 0.25 mm² [AWG23] + shield

Working temperature range

-30 °C ... +90 °C [-22 °F ... +194 °F]

Bending radius cable min.

flexible installation
fixed installation

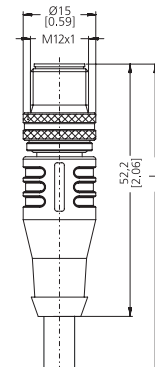
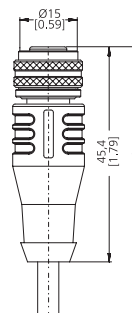
70 mm [2.76"]
45 mm [1.77"]

Cable sheath

cable diameter approx.
material sheath

4.7 mm ±0.2 mm
PVC

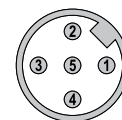
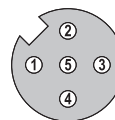
Dimensions in mm [inch]



Connections

Shield on housing

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	3651 / 3671	M3661(R) / M3681	A41	Limes KIT TB1	IN88	SR160
KIS50 / KIH50	M3651A(R) / M3671A	M3668(R) / M3688	A50			
A02H	M3658A(R) / M3678A	F3668 / F3688	B75			
	F3653 / F3673	M5861	B80			
	F3658 / F3678	M5868	C60			
	M5851A	5868 / 5888	C100			
	M5878A	F5868 / F5888	C105			
	5858 / 5878	F5888M Motor-Line	C120			
	S3674	S3684	D120			
			D125			
			D135			