

Cables and connectors

Preassembled cables

M12 connection technology

With connector, 5 pin



Female connector with coupling nut, stainless steel V4A, A coded, straight

PUR cable, 4 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



SAE J1939

Order details

Order no.

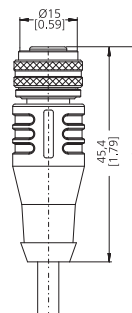
Cable length	1 m [3.28']	05.00.6021.E211.001M
	2 m [6.56']	05.00.6021.E211.002M

	xx m	05.00.6021.E211.0xxM
	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 protection	stainless steel V4A / plastic IP67
Wire cross sections	4 x 0.34 mm ² [AWG22] + shield
Working temperature range	
flexible installation	-30 °C ... +90 °C [-22 °F ... +194 °F]
fixed installation	-40 °C ... +90 °C [-40 °F ... +194 °F]
Bending radius cable min.	
flexible installation	47 mm [1.85"]
fixed installation	23.5 mm [0.93"]
Cable sheath	
cable diameter approx.	4.7 mm ±0.2 mm
material sheath	PUR

Dimensions in mm [inch]



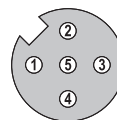
Connections

Terminal assignment

Pin female contacts:	1	2	3	4	5
Core color:	±	RD	BK	WH	BU

Shield is connected to pin 1

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			