Preassembled cables | M12 connection technology | With connector, 4 pin

Male connector with external thread, stainless steel V4A
D coded, right-angle

PUR cable, 1 x 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

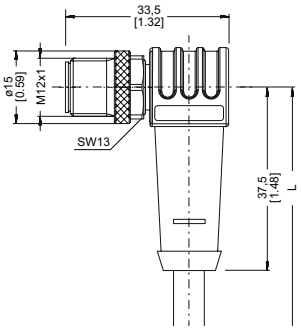
Order details

		Order no.
For port A (1) and B (2)	Cable length 2 m [6.56']	**05.00.6031.G511.002M**
	5 m [16.40']	**05.00.6031.G511.005M**
	...	**...**
	xx m	**05.00.6031.G511.0xxM**
	standard cable length (further on request)	xx = length in meters: 2, 5, 10, 15, 20, 30

Technical data

Connector	
material housing	stainless steel V4A / plastic
protection	IP67, IP68
Wire cross sections	1 x 4 x 0.34 mm² [AWG22] + shield
Working temperature range	
flexible installation	-30 °C ... +70 °C [-22 °F ... +158 °F]
fixed installation	-40 °C ... +75 °C [-40 °F ... +167 °F]
Bending radius cable min.	
flexible installation	52 mm [2.05"]
fixed installation	26 mm [1.02"]
Cable sheath	
cable diameter approx.	6.5 mm ±0.2 mm
material sheath	PUR

Dimensions in mm [inch]



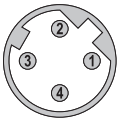
Connections

Terminal assignment

Pin male contacts:	1	2	3	4
Core color:	YE	WH	OG	BU

Shield on housing

Plug-in face, D coded



Suitable for our series

Encoders singleturn	Encoders multiturn	Draw-wire encoders	Slip rings
5858 / 5878 F5858 / F5878 S5858 / S5878	5868 / 5888 F5868 / F5888 S5868 / S5888	B75 B80 C105 C120	SR120 SR160

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