

## 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 mm<sup>2</sup> [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**



EtherNet/IP

EtherCAT  
Conformance tested

PROFI  
NET

### Order details

Order no.

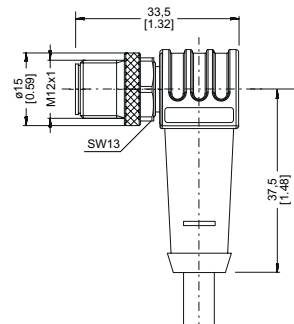
For port A (1) and B (2)

Cable length	2 m [6.56']	<b>05.00.6031.G511.002M</b> <b>05.00.6031.G511.005M</b> ... <b>05.00.6031.G511.0xxM</b> xx = length in meters: 2, 5, 10, 15, 20, 30
	5 m [16.40']	
	...	
	xx m	
	standard cable length (further on request)	

### Technical data

<b>Connector</b>	
material housing protection	stainless steel V4A / plastic IP67, IP68
<b>Wire cross sections</b>	1 x 4 x 0.34 mm <sup>2</sup> [AWG22] + shield
<b>Working temperature range</b>	
flexible installation	-30 °C ... +70 °C [-22 °F ... +158 °F]
fixed installation	-40 °C ... +75 °C [-40 °F ... +167 °F]
<b>Bending radius cable min.</b>	
flexible installation	52 mm [2.05"]
fixed installation	26 mm [1.02"]
<b>Cable sheath</b>	
cable diameter approx.	6.5 mm ±0.2 mm
material sheath	PUR

Dimensions in mm [inch]



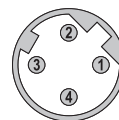
### Connections

Terminal assignment

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

Shield on housing

Plug-in face, D coded



### Suitable for our series

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