

## Preassembled cables

## M12 connection technology

## With connector, 4 pin



### Male connector with external thread, D coded, right-angle

### PUR cable, 2 x 2 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.

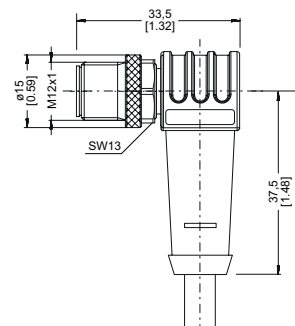
For port A (1) and B (2)

Cable length	2 m [6.56']	05.00.6031.4511.002M	
	5 m [16.40']		05.00.6031.4511.005M
	...		...
	xx m		05.00.6031.4511.0xxM
standard cable length (further on request)		xx = length in meters: 2, 5, 10, 15, 20, 30	

## Technical data

<b>Connector</b>	
material housing	metal / plastic
protection	IP67
<b>Wire cross sections</b>	
	2 x 2 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]



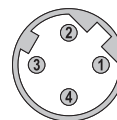
## Connections

Terminal assignment

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

Shield on housing

Plug-in face, D coded



## Suitable for our series

Encoders singleturn	Encoders multiturn	Draw-wire encoders	Linear measuring systems	Slip rings
5858 / 5878	5868 / 5888	B75	Limes KIT TB1	SR120
F5858 / F5878	F5868 / F5888	B80		SR160
S5858 / S5878	S5868 / S5888	C105		
		C120		