Cables and connectors

Preassembled cables	M12 connection technology	With connector, 4 pin

Female connector with coupling nut, D coded, straight

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

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

Order details

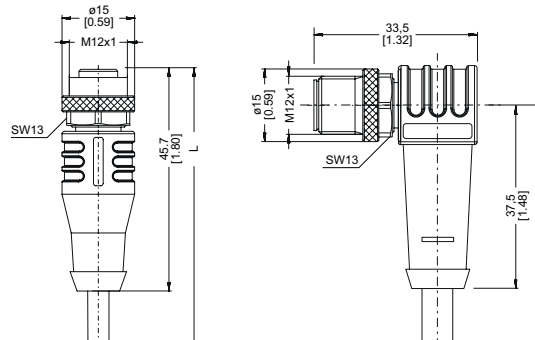| For port A (1) and B (2)	Cable length		Order no.
	Cable length	2 m [6.56']	**05.00.6031.4542.002M**
		5 m [16.40']	**05.00.6031.4542.005M**
		...	**...**
		xx m	**05.00.6031.4542.0xxM**
			xx = length in meters: 2, 5, 10, 15, 20, 30
	standard cable length (further on request)		

Technical data

Connector
material housing	metal / plastic
protection	IP67

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]

ø15 [0.59]
M12x1
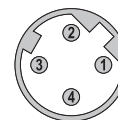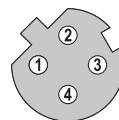SW13
45.7 [1.80]

33,5 [1.32]
ø15 [0.59]
M12x1
SW13
37,5 [1.48]

Connections

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	SR120	
F5858 / F5878	F5868 / F5888	B80	SR160	
S5858 / S5878	S5868 / S5888	C105		
		C120		