

Cables and connectors

Preassembled cables

M12 connection technology

With connector, 12 pin



Female connector with coupling nut, A coded, straight

PUR cable, 6 x 2 x 0.14 mm² [AWG25]

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



CANopen

SSI

BISS
INTERFACE

Order details

Order no.

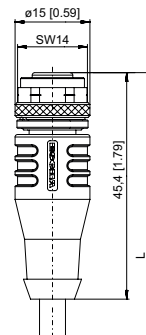
Cable length	1 m [3.28']	05.00.60B1.B211.001M
	2 m [6.56']	05.00.60B1.B211.002M

	xx m	05.00.60B1.B211.0xxM
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	metal / plastic
protection	IP67
Wire cross sections	6 x 2 x 0.14 mm ² [AWG25]
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	90 mm [3.54"]
fixed installation	37.5 mm [1.48"]
Cable sheath	
cable diameter approx.	7.5 mm ±0.2 mm
material sheath	PUR

Dimensions in mm [inch]



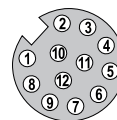
Connections

Terminal assignment

Pin female contacts:	1	2	3	4	5	6	7	8	9	10	11	12
Core color:	WH	BN	GN	YE	GY	PK	BU	RD	BK	VT	GY/PK	RD/BU

Shield on housing

Plug-in face, A coded



Suitable for our series

Encoders incremental	Bearingless encoders	Magnetic length measuring systems
A02H	RLA50	LA10