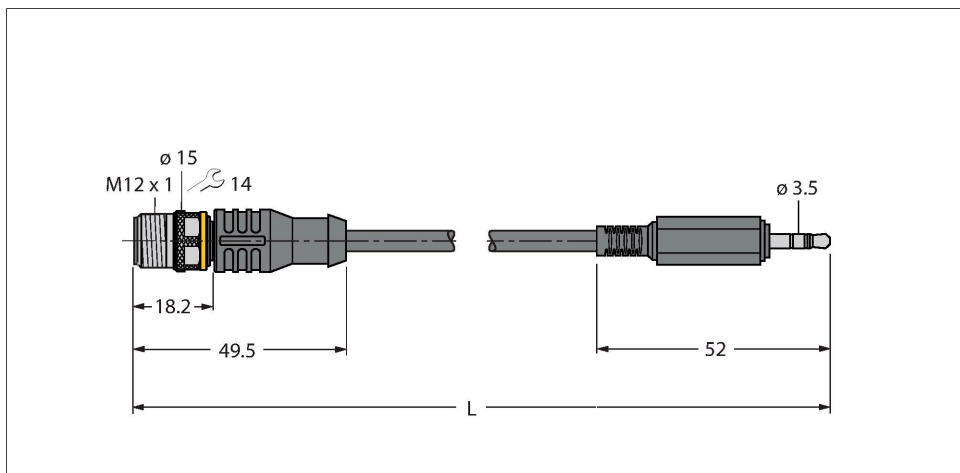


IOL-COM/3M

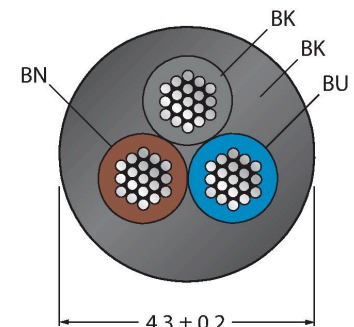
Accessories – IO-Link Communication Line Extension Cable



Features

- IO-Link communication line
- For connection of IO-Link devices
- Device connected via 3.5 mm jack plug
- Master connected via M12 x 1 male connector
- Cable length 3 m

Cable cross section



Technical data

Type	IOL-COM/3M
Ident. no.	7525110
Connector A	Male, M12 × 1, Straight
Number of contacts	4
Contacts	Brass, CuZn, Gold-plated
Contact carriers	Plastic, TPU, Black
Connector body	Plastic, TPU, Black
Coupling nut	Brass, CuZn, Nickel-plated
Tightening torque (range)	0.8 ... 1 Nm
Mechanical life	> 100 Mating cycles
Pollution degree	3
Protection class	When coupled - IP67, Only in screwed condition
Connector B	Male, Straight
Number of contacts	1
Contacts	Metal
Contact carriers	Plastic, Black
Connector body	Plastic, PVC, Black
Cable diameter	Ø 4.3 mm
Cable length (L)	3 m
Cable jacket	PUR, Black
Conductor insulation material	PP
Conductor size	3 x 0.34 mm ²

Contact assignment



Functional principle

The communication line IOL-COM/3M connects the IO-Link master with the IO-Link device. For this purpose plug the M12 connector to the master and the 3.5 mm jack plug to the device. The IOL-COM/3M is not used to supply the device with power.

The device can be operated either in IO-Link (IOL) or in standard IO (SIO) mode via the IO-Link interface. SIO mode is the normal operating mode of the switching outputs whereas IOL mode enables serial transmission of digital process values.

The devices are parametrized software-supported via IO-Link interface, for example via the device specific IODD/DTM within the FDT

Technical data

Number of strands x O.D.	22
Conductor colors	BN, BU, BK
Ambient temperature	
Temperature range (static)	-50 °C...+80 °C
Temperature range (dynamic)	-25 °C...+80 °C

frame PACTware™ or near the control via On-Request Data Objects (ORDO).

