

Description

- USB IO-Link Master 02 tool to connect to Telco IO-Link sensor devices
- USB 2.0 port for PC connection
- M12, 5-pin plug interface to sensor device
- Optional power pack
- Four status LED indicators



The Telco USB-IO Link Master 02 is a communication interface intended to easily connect IO-Link sensor or light curtain devices to a PC USB port.

IO-Link sensor and light curtain devices can be conveniently and extensively configured and parameterized, together with monitoring

and diagnostics of the connected devices, using the USB-IO Link Master 02 tool.

Power is supplied directly via the USB Master. An additional power supply is available for devices with a higher current consumption.

Technical Data

USB port	USB 2.0 (Mini USB B)
Power consumption from USB	<= 500 mA
Power supply of IO-Link Device from USB	24 V / 80 mA
External power supply	24 V / 1 A
Reverse polarity protected	Yes
IO-Link communication	IO-Link Specification V1.1
IO-Link port class	A
PWR indicator	Yellow LED
CH1 (C/Q) indicator	Green / Yellow LED Green: IO-Link Mode Yellow: SIO Mode
CH2 (DI/DO) indicator	Yellow LED
Error indicator	Red LED

Environmental Data


Temperature, operation	0 to +45 °C
Temperature, storage	-40 to +80 °C
Sealing class	IP 20
Approvals	CE

USB 2.0 Connection		Communication Interface to PC
VBUS +5 VDC / 500 mA		Pin 1
Data -		Pin 2
Data +		Pin 3
Ground		Pin 5
Not Connected		Pin 4

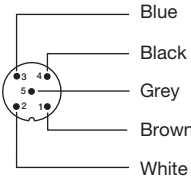
IO-Link Connection		Interface to Sensor Unit
		M12 Plug (A-coded)
+24 V		Pin 1 / Brown
Not Connected		Pin 2 / White
Ground		Pin 3 / Blue
IO-Link		Pin 4 / Black
Not Connected		Pin 5 / Grey

5 pin, M12

Sensor Plug
(Male)

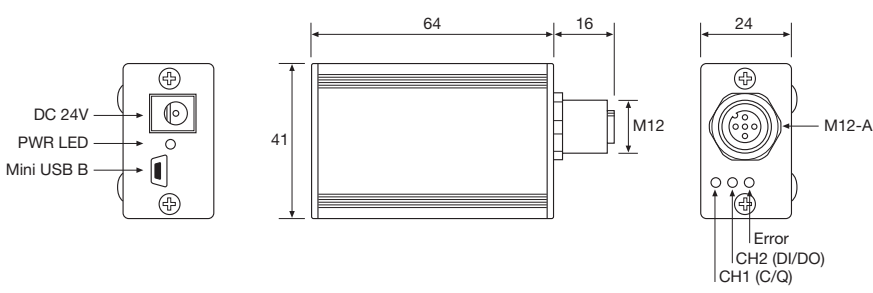


Cable Plug
(Female)



Cable not included

Available Type	
Order Reference	USB-IO-LINK MASTER-02

Dimensions and Descriptions	
 <p style="text-align: right;">(Units in mm)</p>	

Items	
1 pcs	USB-IO LINK MASTER V2 unit
1 pcs	USB A-B Cable
1 pcs	Plug power pack (24 V / 24 W)
1 pcs	User Instructions

Telco reserves the right to change specifications without notice.