Configure and monitor IO-Link devices via Bluetooth adapter

IO-Link accessories

EIO330

New IO-Link Bluetooth adapter allows access to sensors via smartphone*

Easy parameter setting and reading of process values and events of all IO-Link devices connected to the master

ifm moneo|blue available free of charge for iOS and Android

Convenient parameter setting of many sensors thanks to graphic representation

Check and configure IO-Link sensors on the smartphone

With the Bluetooth adapter for IO-Link masters ifm offers a convenient way to read the data of the devices connected to the master and of the master itself and to adjust parameters. The process flow can be maintained by reacting to the situation without first leaving the plant and visiting the IT department. The password protection prevents unwanted tampering with the existing parameterisation.

Free app provides graphic representation

The highlight of the intuitive app, which is available free of charge for Apple and Android smartphones, is that it features graphic representation, which makes parameter setting of the TCC temperature sensor or the MVQ101 valve sensor, for example, even easier.
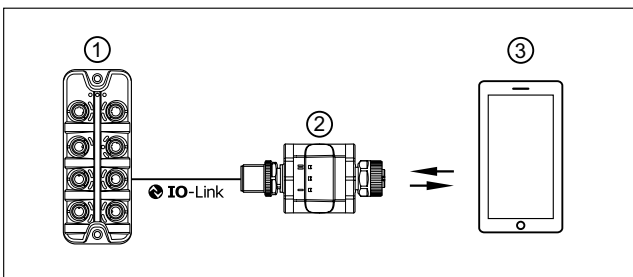
Software and hardware requirements.

The app requires iOS from version 10.3 or Android from version 5.0. The smartphone must support Bluetooth 4.1. Display on tablets is already possible, a full tablet version will be made available with the coming updates.

The Bluetooth adapter can be used with all ifm IO-Link masters from firmware version 2.1. Both Bluetooth Classic and Bluetooth Low Energy (BTLE) are supported. The range is approx. 10 to 30 metres, depending on the respective installation situation.

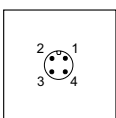### Transmission of recorded process data via e-mail

The Bluetooth adapter can record process data. These recordings can then be sent as a zip file for further evaluation on the computer directly from **moneo|blue**.

Example of a system integration

1) IO-Link master
2) EIO330
3) Mobile device

Wiring

4-pole M12 male connector
Pin 1: L+
Pin 2: not used
Pin 3: L-
Pin 4: IO-Link

* The list of countries which can use this plug can be found in the Bluetooth plug's data sheet.

Technical data

IO-Link inline Bluetooth plug		Order no. EIO330
Operating voltage	[V DC]	18...30
Reverse polarity protection		•
Current consumption	[mA]	< 30
Communication interface		IO-Link, Bluetooth
IO-Link device Transmission type IO-Link revision SDCI standard Requires master port class		COM3 1.1 IEC 61131-9 A
Ambient temperature	[°C]	-25...60
Protection rating		IP 67
Materials		high-grade stainless steel (316L/1.4404), brass (to DIN 2.0401), PA, PBT, FKM; seal FKM

Connection technology

Type	Description	Order no.
	Connection cable, M12, 2 m black, PUR cable	**EVC013**
	Connection cable, M12, 5 m black, PUR cable	**EVC014**

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