



IO-Link

Configure and monitor IO-Link devices via Bluetooth adapter



IO-Link accessories



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.

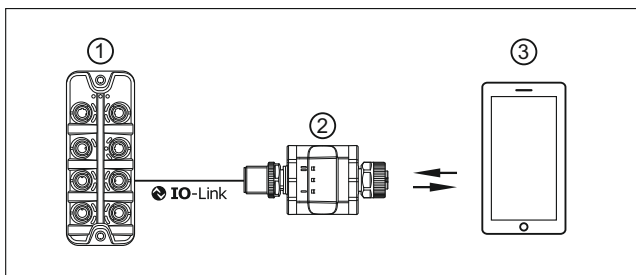
The app requires iOS from version 10.3 or Android from version 5.0. The smartphone must support Bluetooth 4.1. Display on tablets is already possible, a full tablet version will be made available with the coming updates.

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

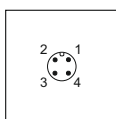
The Bluetooth adapter can record process data. These recordings can then be sent as a zip file for further evaluation on the computer directly from **moneo|blue**.

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	COM3
IO-Link revision	1.1
SDCI standard	IEC 61131-9
Requires master port class	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

Accessories

Type	Description	Order no.
	Mounting clip, robust design for use in harsh industrial environments	E89208

Connection technology

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

Looking for the ifm smartphone app?

This QR code leads to the Android app **moneo|blue** in the Google Play Store



This QR code leads to the iOS app **moneo|blue** in the Apple Store

