



IO-Link

Easy monitoring of process values directly on the smartphone



IO-Link accessories



New IO-Link inline Bluetooth plug*

ifm QuickLook app available for smartphones as well as tablets

Transparent to the master

- ↻ **Extensive history memory**
- ↻ **Transmission of all process values and events from a sensor**



Process values can be viewed quickly and conveniently on the smart phone






With the new plug and the corresponding ifm QuickLook app users can now directly monitor the measurement values and events transmitted via IO-Link. To do so, the plug is simply installed into the cable between the IO-Link sensor and the master and a Bluetooth connection is set up between the smartphone and the IO-Link Bluetooth plug. This system is perfect to monitor process values from sensors that cannot be accessed or have no display. Moreover, the plug features a history memory for data recording which simplifies plant diagnosis.

System requirements


The app is available in Apple's App Store and in the Google Play Store. It requires an iOS operating system as from version 8.0 or an Android operating system as from version 4.3. The smartphone must support Bluetooth 4.0.



Accessories

Type	Description	Order no.
	Mounting clip	E89208
	IO-Link master StandardLine, Profinet, 4 ports	AL1100
	IO-Link master StandardLine, Profinet, 8 ports	AL1102
	IO-Link master StandardLine, EtherNet/IP, 4 ports	AL1120
	IO-Link master StandardLine, EtherNet/IP, 8 ports	AL1122

Connection technology

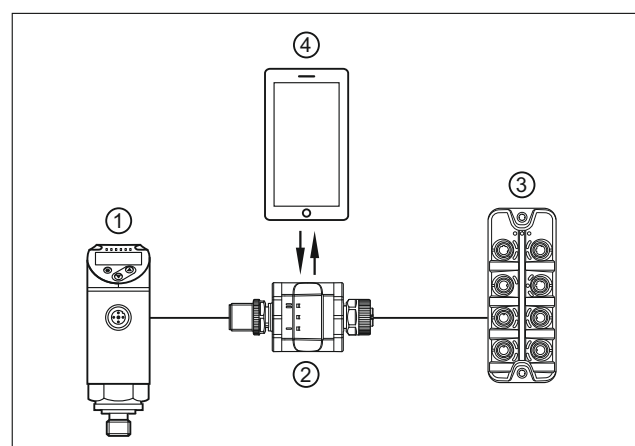
Type	Description	Order no.
	Connection cable, M12, 2 m, black, PUR cable	EVC013
	Connection cable, M12, 5 m, black, PUR cable	EVC014

* 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. E30446
Operating voltage [V DC]	18...30
Reverse polarity protection	•
Current consumption [mA]	< 50
Communication interface	IO-Link, Bluetooth
IO-Link device	
Transmission type	COM1, COM2, COM3
IO-Link revision	compatible with 1.0 and 1.1
SDCI standard	IEC 61131-9
Requires master port class	A
Ambient temperature [°C]	-25...60
Protection	IP 67
Materials	high-grade stainless steel (316L/1.4404), CW614N, PA, PBT, FKM; seal FKM

Example of a system integration



- 1) IO-Link device
- 2) E30446
- 3) IO-Link master
- 4) Mobile device