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

IO-Link

IP 67

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 IO-Link revision SDCI standard Requires master port class		COM1, COM2, COM3 compatible with 1.0 and 1.1 IEC 61131-9 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
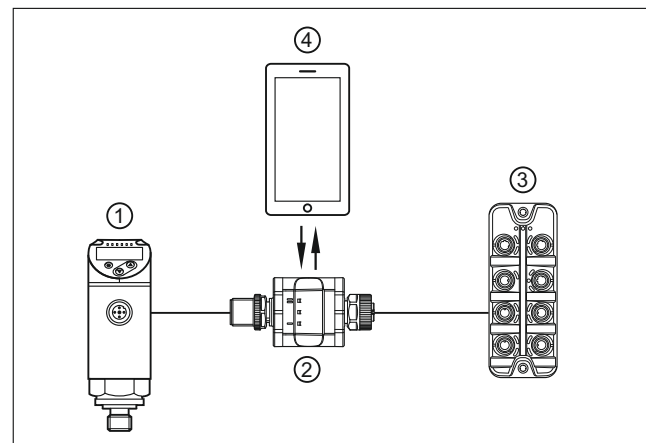
1) IO-Link device
2) E30446
3) IO-Link master
4) Mobile device

ifm – close to you!