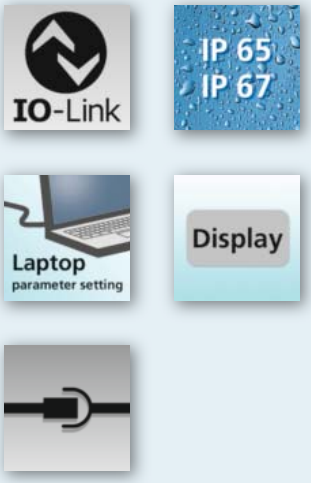
Two IO-Link displays: process values at a glance

IO-Link display

- **Plug & play process value display for ifm IO-Link sensors**
- **Display for freely defined texts, measured values and messages**
- **Up to four process values / texts with unit and description**
- **Two clearly visible LEDs**
- **Easy integration into each IO-Link structure**



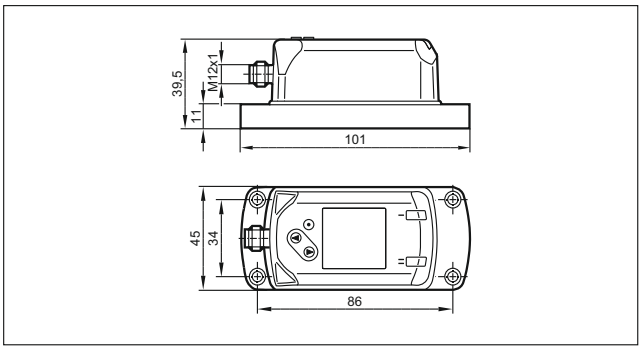
More plant transparency

The two IO-Link displays are a flexible solution to display process conditions and messages in plant modules or small plants.

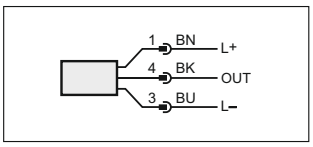
Integration and function

The E30391 IO-Link display is controlled by a PLC via IO-Link. It displays process values, freely defined texts, messages, and QR codes. Clear text and a colour change of text and background guarantee a quick overview. By means of buttons the user can trigger control actions of the PLC or acknowledge messages.
The E30430 IO-Link inline display is installed between sensor and IO-Link master. It receives process values directly from the sensor. No PLC programming is required. It displays up to four process values and two switching states. For ifm units operated in the IO-Link mode, it is a plug & play solution. Alternatively, texts and settings can be predetermined via an IO-Link device tool such as LR DEVICE.

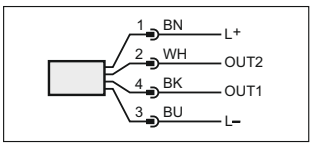
Dimensions



Wiring



E30391



E30430

Accessories

Type	Description	Order no.
	DIN rail clip, PA; 1.4567 (V2A)	**E30429**
	T splitter M12 plug / 2 x M12 socket	**E12481**

Resolution pixels	Display type	Display illumination	Order no.
IO-Link display, connection to master			
128 x 128	1,44" TFT	LED	**E30391**
IO-Link display, connection between master and sensor (incl. T splitter)			
128 x 128	1,44" TFT	LED	**E30430**

Technical data

IO-Link displays		
Operating voltage	[V DC]	18...30
Current consumption	[mA]	< 47
Protection rating / protection class		IP 65, IP 67 / III
Reverse polarity protection		•
Communication interface IO-Link device		
Type of transmission		COM2 (38.4 kbaud)
IO-Link revision		1.1
SDCI standard		IEC 61131-9
Ambient temperature	[°C]	0...60
EMC		EN 61000-6-2 EN 61000-6-4
Shock resistance	[g]	20 (11 ms)
Vibration resistance	[g]	20 (10...50 Hz)
Housing materials		Stainless steel (303/1.4305); PC; PBT-GF 30; PPS; PA 6.6; FKM
Connection		M12 connector

Connection technology

Type	Description	Order no.
	M12 jumper 1 m black, PUR cable	**EVC042**
	M12 jumper 2 m black, PUR cable	**EVC043**
	M12 jumper, 3 m black, PUR cable	**EVC102**
	M12 jumper, 5 m black, PUR cable	**EVC044**
	M12 jumper, 10 m black, PUR cable	**EVC493**