

See what is going on! Capacitive sensor for more transparency



Precise evaluation of the application by visualisation of the process

- Easy parameter setting via IO-Link before installation of the sensor
- Versatile data processing via IO-Link
- No new cabling necessary
- Clearly visible indication of the switching status
- Easy installation with mounting adapters and cable ties



See what the sensor is seeing

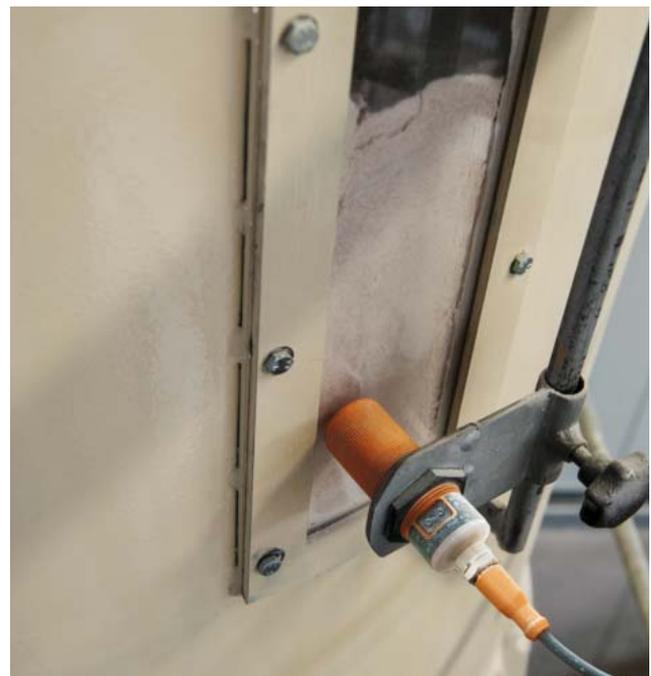
At last it is possible to integrate process values into the IT structure via an intelligent sensor interface and for easier indication, analysis and evaluation. The application becomes transparent, and the process value allows effective further processing. At present this additional advantage is unique and offers solutions even for difficult applications.

Application

Capacitive sensors detect bulk materials or liquids through non-metallic vessel walls. Typical applications for product detection can be found in the semiconductor, paper and wood industries.

Parameter setting

The parameters can either be set via the buttons on the sensor or via IO-Link interface. This can be done using the USB interface E30396 or a memory plug E30398. The LINERECORDER SENSOR software also simplifies the monitoring of different types of sensors.



Type [mm]	Output stage	Setting range [mm]	Communication interface	Housing material	Protection rating / class	Order no.
M12 connector · 3 wires						
M18 x 1	PNP / NPN*	4...24	IO-Link 1.1	PBT, PC, TPE-U	IP 65, IP 67, II	KG5065
M18 x 1	PNP	4...24	IO-Link 1.1	PBT, PC, TPE-U	IP 65, IP 67, II	KG5066
M18 x 1	PNP	2...14	IO-Link 1.1	PBT, PC, TPE-U	IP 65, IP 67, II	KG5071
M30 x 1.5	PNP / NPN*	5...40	IO-Link 1.1	PBT, PC, TPE-U	IP 65, IP 67, II	KI5082
M30 x 1.5	PNP	5...40	IO-Link 1.1	PBT, PC, TPE-U	IP 65, IP 67, II	KI5083
M30 x 1.5	PNP / NPN*	2...12	IO-Link 1.1	high-grade stainless steel (1.4404), TPE-U, PBT, PEI	IP 65, IP 67, III	KI5084
M30 x 1.5	PNP	2...12	IO-Link 1.1	high-grade stainless steel (1.4404), TPE-U, PBT, PEI	IP 65, IP 67, III	KI5085
M30 x 1.5	PNP / NPN*	3...26	IO-Link 1.1	high-grade stainless steel (1.4404), TPE-U, PBT, PEI	IP 65, IP 67, III	KI5086
M30 x 1.5	PNP	3...26	IO-Link 1.1	high-grade stainless steel (1.4404), TPE-U, PBT, PEI	IP 65, IP 67, III	KI5087
Connection cable 2 m PVC · 3 wires						
M18 x 1	PNP / NPN*	2...14	IO-Link 1.1	PP, TPE-U	IP 65, IP 67, II	KG5067
M18 x 1	PNP	2...14	IO-Link 1.1	PP, TPE-U	IP 65, IP 67, II	KG5069
48 x 20 x 14	PNP / NPN*	3...20	IO-Link 1.1	PBT, PC, TPE-U	IP 65, IP 67, III	KQ6001
48 x 20 x 14	PNP	3...20	IO-Link 1.1	PBT, PC, TPE-U	IP 65, IP 67, III	KQ6002
Connection cable with M8 connector · 3 wires						
48 x 20 x 14	PNP / NPN*	3...20	IO-Link 1.1	PBT, PC, TPE-U	IP 65, IP 67, III	KQ6003
48 x 20 x 14	PNP	3...20	IO-Link 1.1	PBT, PC, TPE-U	IP 65, IP 67, III	KQ6004
48 x 20 x 14	PNP	3...20	IO-Link 1.1	PBT, PC, TPE-U	IP 65, IP 67, III	KQ6008
48 x 20 x 14	PNP	3...20	IO-Link 1.1	PBT, PC, TPE-U	IP 65, IP 67, III	KQ6010
Connection cable with M12 connector · 3-wire						
48 x 20 x 14	PNP	3...20	IO-Link 1.1	PBT, PC, TPE-U	IP 65, IP 67, III	KQ6005

* automatic detection of the load

Accessories

Type	Description	Order no.
	Mounting adapter for free-standing mounting, PBT	E12153
	Mounting adapter for pipe and tube mounting with cable ties, PA	E12163
	Memory plug, parameter memory for IO-Link sensors	E30398
	IO-Link interface, current consumption from USB port	E30396
	LINERECORDER SENSOR, software for parameter setting and set-up of IO-Link sensors	ZGS210

Connection technology

Type	Description	Order no.
	M12 socket, 2 m black, PUR cable	EVC001
	M8 socket, 2 m black, PUR cable	EVC150

Accessories

Type	Description	Order no.
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Power supplies

	Plastic housing, 24 V DC, 2.5 A	DN1031
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