

O6 WetLine now with IO-Link!



Small and compact photoelectric sensors now also as IO-Link versions!

- **Stainless steel housing with protection rating IP 68 / IP 69K**
- **Diffuse reflection sensors with reliable background suppression**
- **Well-defined light spot for precise object detection, no scattered light**
- **Also available as through-beam or retro-reflective system**
- **Many functions can be set via IO-Link, e.g. range and sensitivity**



Best performance

The diffuse reflection sensors distinguish themselves by reliable background suppression, even in case of highly reflective backgrounds.

A special feature is the automatic switch point adjustment that guarantees reliable operation even in steam, smoke or highly reflective environments.

The WetLine series features a particularly robust stainless steel housing with protection rating IP 68 / IP 69K. The potentiometer with double sealing ensures maximum ingress resistance. The flush front lens ensures cleaning without residues.

IO-Link



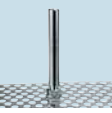
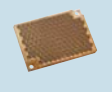
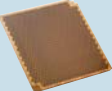





The O6 WetLine sensors are now also available as versions with IO-Link. Via this interface, the user can set range, sensitivity, light-on / dark-on mode, switching delay or deactivation of the operating elements.



Range [mm]	Light spot diameter [mm]	Connection M8 connector	Communication interface	Current consumption [mA]	Order no.
Diffuse reflection sensor with background suppression · 3-wire DC · PNP					
2...200	8*	4-pole	IO-Link 1.1	22	O6H309
Diffuse reflection sensor · 3-wire DC · PNP					
5...500	15*	4-pole	IO-Link 1.1	16	O6T309
Retro-reflective sensor with polarisation filter · 3-wire DC · PNP					
50...5000	150**	4-pole	IO-Link 1.1	12	O6P309
Through-beam sensor - transmitter · 2-wire DC					
0...10000	300*	4-pole	IO-Link 1.1	11	O6S305
Through-beam sensor – receiver · 3-wire DC · PNP					
0...10000	–	4-pole	IO-Link 1.1	7	O6E309




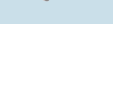

* at maximum range
** referred to prismatic reflector Ø 80 mm

Accessories

Type	Description	Order no.
	Mounting set for clamp mounting, stainless steel, Ø 10 mm	E21272
	Angle bracket for free-standing mounting, stainless steel	E21271
	Rod, 120 mm, Ø 10 mm, M8 thread, stainless steel	E21081
	18 x 18 mm, Solidchem plastic	E21267
	56 x 38 mm, Solidchem plastic	E21268
	48 x 48 mm, Solidchem plastic	E21269
	96 x 96 mm, Solidchem plastic	E21270
	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	QA0001

Common technical data		
Type of light		red light 633 nm
Operating voltage	[V DC]	10...30
Protection rating, protection class		IP 65, IP 67, IP 68, IP 69K, III
Switching frequency	[Hz]	1000
Switching status indication	LED	yellow
Operation	LED	green
Light-on / dark-on mode		adjustable
Current rating	[mA]	100
Voltage drop	[V]	< 2.5
Short-circuit protection, pulsed		•
Reverse polarity protection / overload protection		• / •
Ambient temperature	[°C]	-25...80
Materials	housing	high-grade stainless steel (316L/1.4404), PPSU
	lens	PMMA

Connection technology

Type	Description	Order no.
	M8 socket, 4-pole, 2 m orange, PVC cable	EVT134
	M8 socket, 4-pole, 5 m orange, PVC cable	EVT135
	M8 socket, 4-pole, 2 m orange, PVC cable	EVT138
	M8 socket, 4-pole, 5 m orange, PVC cable	EVT139
	Adapter cable M12 plug to M8 socket 4-pole, 0.3 m orange, PVC cable	EVT248

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