

Overview

- receiver
- 0 ... 2000 mm
- push-pull
- qTeach, line-Teach, IO-Link
- connector M12 5 pin
- -25 ... 65 °C
- IP 69
- Recommended for double sheet detection



Picture similar



Technical data

General data

Emitter / receiver	Receiver
Scanning range Sd	0 ... 2000 mm
Scanning range far limit Sde	0 ... 2000 mm
Version	IO-Link
Object size (at Sd = 50 mm)	> 4 cm²
Hysteresis typ.	5 % Sde
Repeat accuracy	3 mm
Temperature drift	< 2 % Sde
Response time ton	< 9 ms
Release time toff	< 9 ms
Adjustment	qTeach, line-Teach, IO-Link
Sonic frequency	200 kHz
Alignment aid	Target indication flashing
Output indicator	LED yellow
Power on indication	LED green

Electrical data

Voltage supply range +Vs	12 ... 30 VDC
Current consumption max. (no load)	25 mA
Output circuit	Push-pull
Output current	100 mA
Voltage drop Vd	<3.5 VDC
Residual ripple	< 10 % Vs
Short circuit protection	Yes

Electrical data

Reverse polarity protection	Yes
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Communication interface

Interface	IO-Link V1.1
Baud rate	38.4 kBaud (COM 2)
Cycle time	≥ 3 ms
IO-Link port type	Class A
Additional data	Excess gain Operating cycles Operating hours Boot cycles Operating voltage Device temperature Histograms
Adjustable parameters	Time filters LED status indicators Output logic Output circuit Counter Deactivate the sensor element Find Me function

Mechanical data

Design	Cylindrical threaded
Housing material	Stainless steel (V2A) / TR90
Coating active face	PEEK
Width / diameter	18 mm
Height / length	64 mm
Connection types	Connector M12 5 pin

Technical data

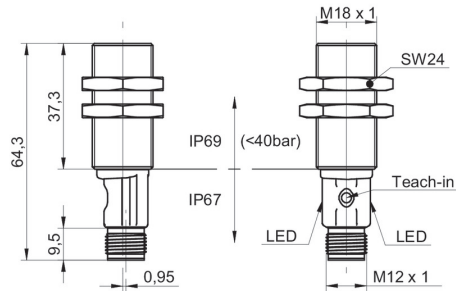
Ambient conditions

Operating temperature	-25 ... +65 °C
Storage temperature	-40 ... +75 °C

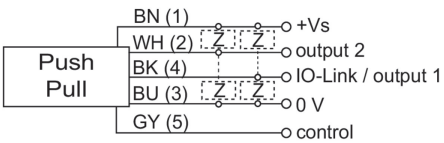
Ambient conditions

Protection class	IP 69
Protection class (connection)	IP 67

Dimension drawing



Connection diagram



Accessories

Mounting accessories

10151658	Sensofix series 18
11172096	ZADAP-M18.STANDARD
11171584	ZADAP-M18.SHORT
11172095	ZADAP-M18.LONG
11707685	Mounting rod with mounting plate holder 200 mm
11707686	Mounting rod with mounting plate holder 300 mm
11707688	Mounting rod 200 mm
11707697	Mounting rod 250 mm
11707698	Mounting rod with mounting plate holder 250 mm
11707687	Mounting rod 300 mm
11707699	Mounting plate series 500 and ø18 mm
11707702	Mounting base
11707703	Two-way connector