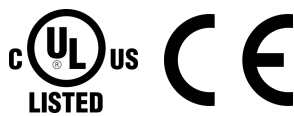


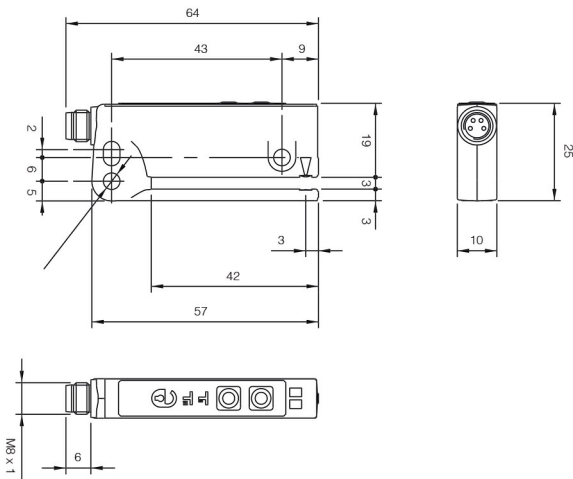


Indicative image



PHOTOELECTRIC FORK SENSORS FOR LABELS DETECTION

- Dynamic Teach-in or control panel and manual adjustment with “+/-” buttons
- Minimum object detection 2 mm (gap between labels), 2 mm (label size)
- Infrared emission
- Light/Dark switching, selectable by button
- Switching frequency 10 kHz
- M8 connectors (4 pins): PNP or NPN, LO/DO selectable
- -20 ...+60 °C temperature range



Detection properties

Nominal sensing distance	3mm
minimum detectable object	2mm
Sensitivity adjustment	Yes
+/-50 µm a 150m/min	+/-50 µm at 150m/min
200 m/min	200 m/min
2mm	2mm

Outputs

Output type	PNP
Output Function	LO/DO
Switching frequency	10kHz

Electrical data

Operating Voltage	12...24Vdc
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No-Load supply current	≤ 35mA
Load current	100mA
Output voltage drop	≤ 2 V @ IL =100 mA
Max ripple content	≤ 10 %
Time delay before availability	50ms max
Reverse Polarity Protection	Yes
Emission	Infrared

Mechanical data

Dimensions	Width slot detection 3mm - Depth slot detection 42mm
Weight	35g
Housing Material	PA
Connections	M8 plug 4 pin
Operating temperature	- 20°C...+ 60°C
Storage temperature	- 30°C...+ 80°C
Width slot detection	3mm
Depth slot detection	42mm

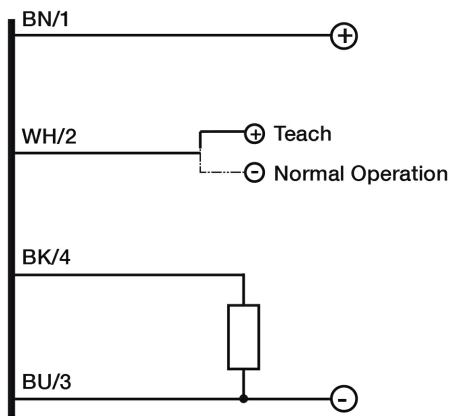
Test/Approvals

Approvals	CE UL
EMC compatibility	EN 60529
Degree of protection	IP65

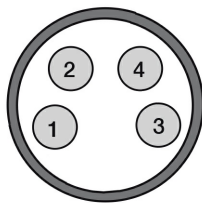
Generical Data

Dimensions	Width slot detection 3mm - Depth slot detection 42mm
Operating Temperature	- 20°C...+ 60°C
Mechanical Protection	IP65

ELECTRICAL DIAGRAMS OF THE CONNECTIONS



CONNECTOR



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