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Model Number

OBG5000-R101-2P1-IO

Retroreflective sensor (glass) with fixed cable

Features

- Miniature design with versatile mounting options
- Detects transparent objects, i.e., clear glass, PET and transparent films
- Two machines in one: clear object detection or reflection operating mode with long range
- · High degree of protection IP69K
- IO-link interface for service and process data

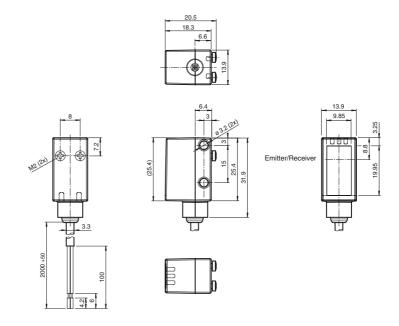
Product information

The miniature optical sensors are the first devices of their kind to offer an end-to- end solution in a small single standard design — from thru-beam sensor through to a distance measurement device. As a result of this design, the sensors are able to perform practically all standard automation tasks.

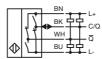
The DuraBeam laser sensors are durable and can be used in the same way as a standard sensor.

The use of Multi Pixel Technology gives the standard sensors a high level of flexibility and enables them to adapt more effectively to their operating environment.

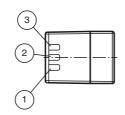
Dimensions



Electrical connection



Indicators/operating means



- 1 Operating indicator / dark on
- 2 Signal indicator
- 3 Operating indicator / light on

Accessories

V31-WM-2M-PUR

Female cordset, M8, 4-pin, PUR cable

V31-GM-2M-PUR

Female cordset, M8, 4-pin, PUR cable

IO-Link-Master02-USB

IO-Link master, supply via USB port or separate power supply, LED indicators, M12 plug for sensor connection

OMH-R101

Mounting Clamp

OMH-R101-Front

Mounting Clamp

OMH-4.1

Mounting Clamp

OMH-ML6

Mounting bracket

OMH-ML6-U

Mounting bracket

OMH-ML6-Z

Mounting bracket

OFR-100/100

Reflective tape 100 mm x 100 mm

REF-H33

Reflector with screw fixing

REF-H50

Reflector, rectangular 51 mm x 61 mm, mounting holes, fixing strap

REF-H85-2

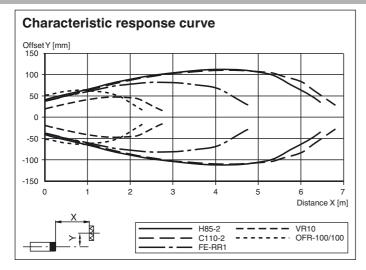
Reflector, rectangular 84.5 mm x 84.5 mm, mounting holes

REF-H32G-2

REF-ORR50G-2

Other suitable accessories can be found at www.pepperl-fuchs.com

Curves/Diagrams



Relative received light strength

