

R2100 Series



Standard Technical Data

Function principle	2-D LIDAR sensor
Detection range	8000 mm
Light type	Infrared LED
Voltage type	DC
Operating voltage (min)	10 V
Operating voltage (max)	30 V
Connection type	M12 connector plug
Housing length L	157 mm
Housing width W	81 mm
Housing height H	45 mm
UL	■

For detailed data and description, see the datasheet. Further products can be found online at www.pepperl-fuchs.com.

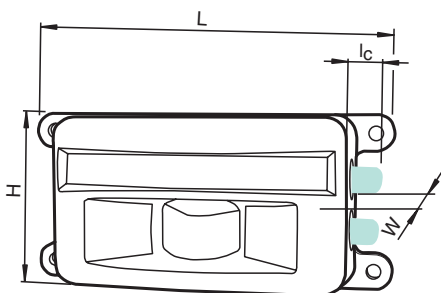
Model number	Interface
OMD8000-R2100-B16-2V15	CAN
OMD8000-R2100-R2-2V15	

Highlights

- Development of the PRT ensures reliable and clear measurement
- Long service life due to measurement using LEDs
- Ideal for mechanically demanding applications as there are no moving parts in the sensor
- 2D measurement using 11 individual rays
- Large light spots tolerate different surface textures
- Reduced energy consumption for greater cost efficiency
- High speed of response for faster processes

Brief Description

The unique development of PRT offers the user unprecedented flexibility. Impressive sensor performance and durability make the R2100 a cost-effective solution with an outstanding performance.



Accessories

V1-G-BK5M-PUR-U	Single-ended female cordset, M12, 4-pin, PUR cable
V1-W-2M-PUR	Single-ended female cordset, M12, 4-pin, PUR cable