

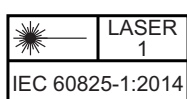
Safety Information

OMD*-R2300-*



1. Laser Class 1 Information

Laser Light - Class 1 Laser Product



- The irradiation can lead to irritation especially in a dark environment. Do not point at people!
- Maintenance and repairs should only be carried out by authorized service personnel!
- Attach the device so that the warning is clearly visible and readable.
- Caution – Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

2. Technical Data for Laser Safety

Laser nominal ratings	
Note	LASER RADIATION , DO NOT STARE INTO BEAM
Laser class	1
Wave length	Measuring laser infrared light 905 nm Pilot laser red light 650 nm
Beam divergence	Measurement laser: transversal 2 mrad , longitudinal 9.5 mrad Pilot laser: 0.3 mrad
Pulse length	Measurement laser: 5 ns Pilot laser: 1.1 μ s
Repetition rate	90 kHz
max. pulse energy	Measurement laser: < 1.63 μ J Pilot laser: < 0.15 μ J
Scan rate	12.5 s ⁻¹ 25 s ⁻¹
Sensor principle	Distance measurement device
Series	R2300
Conformity	
Product standard	EN 60947-5-2
Laser safety	EN 60825-1:2014

3. Safety

The corresponding datasheets, original instructions, manuals, declarations of conformity, certificates, etc. if applicable supplement this document. You can find this information under www.pepperl-fuchs.com.

The personnel must be appropriately trained and qualified in order to carry out mounting, installation, commissioning, operation, maintenance, and dismounting of the device. The trained and qualified personnel must have read and understood the instruction manual.

The device is not a safety component according to the Machinery Directive. Do not use the device to prevent personal injury.