









Model Number

VDM100-300-IBS/G2

Distance sensor with four M12 x 1 connectors

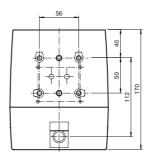
Features

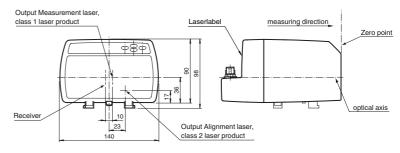
- Measuring method PRT (Pulse Ranging Technology)
- Non-contact precision measurement
- Ultra-fast data acquisition
- Active dynamic control
- Modern lightweight design, extremely
- Simple programming with 4 keys and luminous display

Product information

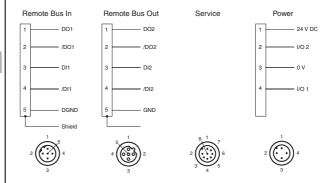
Series VDM 100 laser distance measurement devices are designed for high distances. They have a repeat accuracy of 0.5 mm. SSI and fieldbusses are used as value interfaces. These devices are used for precise positioning of rack operating units, gantry cranes, rail-bound vehicles, elevators and other linear movable units.

Dimensions

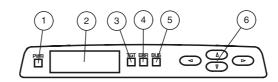




Electrical connection



Indicators/operating means



Power-LED	green
Display	
TARGET-LED	green
ERROR-LED	red
BUS-LED	green
Control keys	
	Display TARGET-LED ERROR-LED BUS-LED

Laserlabel



Accessories

V15-G-PG9

Female connector, M12, 5-pin, field atta-

V15-W-PG9

Female connector, M12, 5-pin, field attachable

Female connector, M12, 4-pin, field attachable

V1-G

Female connector, M12, 4-pin, field atta-

Funktionserdung LS610/VDM100 Zu-

Function grounding for LS610 / LS611 / VDM100 series

Schutzkappe LS610 Zubehoer

M12 protective cap set (connector + socket) for series LS610 / LS611

OMH-VDM100-01

Mounting bracket with deviation mirror for distance measurement devices

OMH-LS610-01

Mounting bracket for optical data coupler

OMH-LS610-02

Direct mounting set consisting of 4 x M4 threaded inserts

OMH-LS610-32

Mounting bracket for optical data coupler and distance measurement devices

OMH-LS610-05

Mounting bracket for optical data coupler and distance measurement devices

REF-VDM01

Reflector for distance measurement de-

REF-VDM02

Reflector for distance measurement devices

OFR-500/500

Reflective tape

OFR-1000/1000

Reflective tape 1000 mm x 1000 mm

PEPPERL+FUCHS

Compliance with standards and directi-

Optical face

Mass

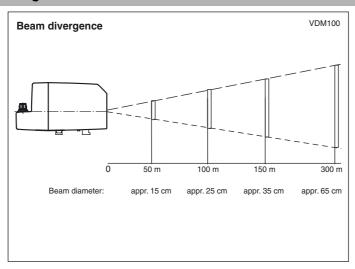
ves

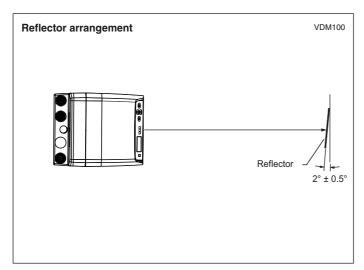
PMMA, hard coated

approx. 700 g

Directive conformity	EMC Directive 2004/108/EC
Standard conformity	
Product standard	EN 60947-5-2:2007
Laser class	IEC 60825-1:2007
Approvals and certificates	
UL approval	cULus Listed

Curves/Diagrams





Laser notice laser class 2

- Caution: visible and invisible laser radiation, do not look at the beam!
- 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.