

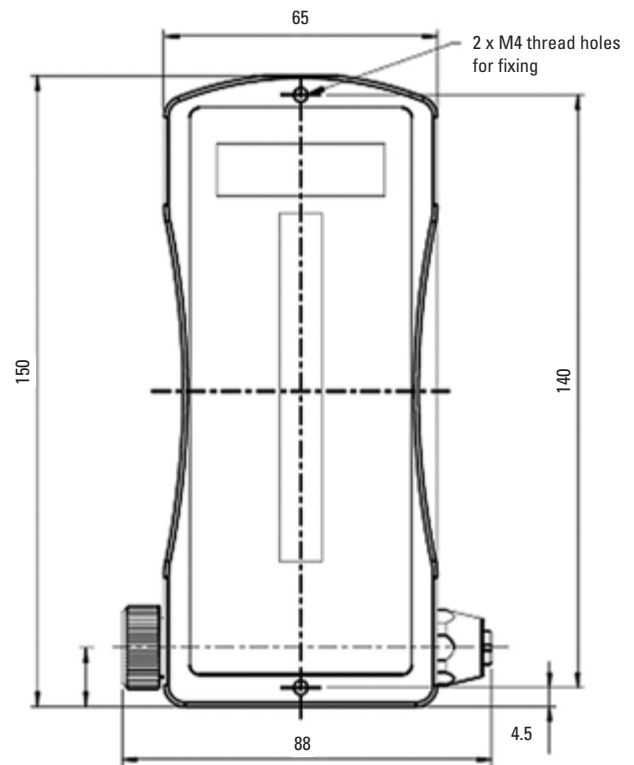
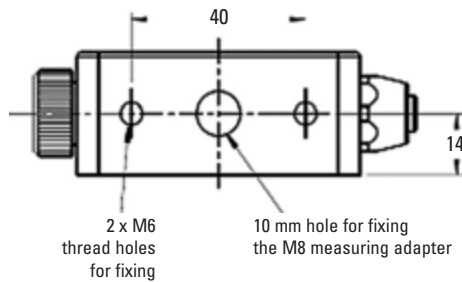
R310

Laser receiver



Part No.:
BG 830134

The R310 measures the position of the rotating laser beam. The CCD Sensor has total measurement range of 80mm. The beam forms an entire reference plane. The R310 is wireless and can measure up to a distance of 80m from the Laser.



Technical Data

Display:	7 Segment LED	Range:	typical: 50 m
Sensor:	80 mm Diode array	Protection class:	IP 54
Resolution:	0.01 mm	Housing	Aluminium, anodised
Accuracy:	± 0.02 mm + 1% Linearity	Weight:	425 g without battery compartment 630 g with battery compartment
Temperature resolution:	0.1°C	Dimensions:	65 x 150 x 24 mm without battery compartment
Voltage resolution:	0.1 V		65 x 150 x 48 mm with battery compartment

CE All Status Pro Laser and Receiver Instruments are developed and manufactured according to the following CE Standards:
EN 55 011, EN 55 022, EN 61 000-4-2, EN 61 000-4-3, EN 60 335.

This document was prepared with the utmost of care. Changes and errors cannot be completely avoided.

Declaration of conformity

In accordance with the EMC Directive 2004/108/EC, the Low Voltage Directive 73/23/EEC, including **amendments by the CE-marking Directive 93/68/EEC & EC directives RoHS, 2011/65/EU.**

Type of equipment	Laser Receiver
Brand name or trade mark	Status Pro Maschinenmesstechnik GmbH
Type designation(s) / Model no(s)	R310 – BG 830134
Manufacturer's name, address, telephone & fax no	Status Pro Maschinenmesstechnik GmbH Mausegatt 19 D-44866 Bochum Germany Tel.: +49 (0) 2327 / 9881 – 0 Fax: +49 (0) 2327 / 9881 – 81

The following standards and/or technical specifications, which comply with good engineering practice in safety matters in force within the EEA, have been applied:

Standard / Test report / Technical construction file / Normative document

Emission: EN 61000-6-3:2007.
Immunity: EN 6100-6-2:2005, EN 61000-4-2, -3.
ISO9001:2008 Ref. No / Issued by:
DNV Certification No. 2009-SKM-AQ-2704 / 2009-SKM-AE-1419.

The wireless device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

Additional information

The product was CE-marked in 2004.

As manufacturer, we declare under our sole responsibility that the equipment follows the provisions of the Directives stated above.

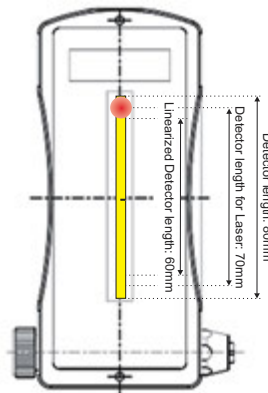
Place and date of issue

Bochum, 2014-04-01

Signature of authorized person



David Foley, Managing Director



Intensity distribution at 4 m distance:
Laser beam diameter at 1% intensity: 0,7 - 8,0 mm
Beam circular Error: < 0,1%

