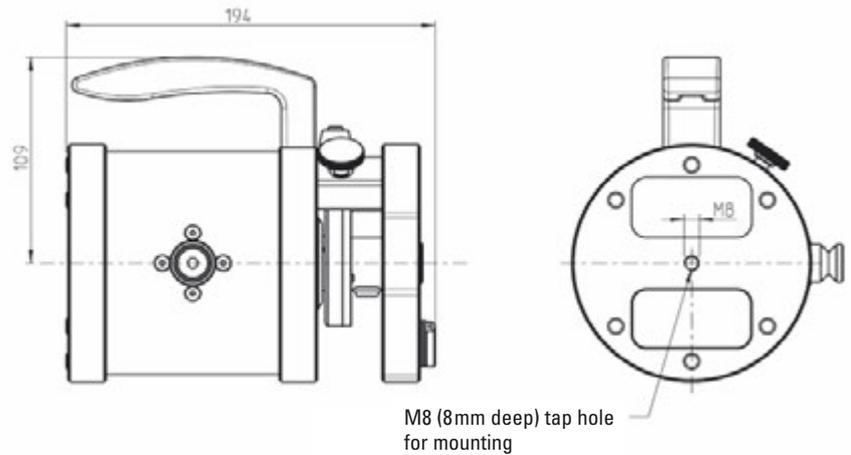


# T330

Self levelling Sweep Laser



Part No.: BG 830203



M8 (8mm deep) tap hole for mounting

The T330 is a precision Laser self-levelling Laser Transmitter. The unique fiberoptical laser source is exactly round and of Gaussian intensity distribution. This facilitates exact position measurements. The T330 generates two orthogonal optically coupled Laser beams. It defines a reference plane in spaces for a wide range of geometrical measurements from simple Levelling application, straightness or flatness to roll parallelism.

## Technical Data

<b>Laser Source:</b>	Fiber optical Gaussian Point source	<b>Conical error:</b>	$\pm 0,01$ mRad
<b>Wavelength:</b>	550 to 560 nm	<b>Self-levelling accuracy:</b>	$\pm 0,02$ mRad
<b>Diameter:</b>	6 mm (at 1,00 m)	<b>Dimensions:</b>	125 x 170 x 185 mm
<b>Form:</b>	Gaussian Distribution Round < 1%	<b>Weight:</b>	2400 g
<b>Power:</b>	0.6 mW	<b>Static temperature coefficient:</b>	0,001 mRad/K
<b>Laser protection class:</b>	2 (EN 60825-1)	<b>Dynamic temperature coefficient:</b>	0,005 mRad/K/min
<b>Interface:</b>	RS 485 & IR	<b>Temperature:</b>	0°C to +50°C
<b>Measuring distance:</b>	0 to 50 metres	<b>Air humidity:</b>	20% to 80%
<b>Prism error:</b>	< 0,02 mRad	<b>Power supply:</b>	8 batteries 1.5 V, type Mignon (AA/LR6) or A/C adapter
<b>Step error:</b>	< 0,05 mm	<b>Running time:</b>	> 10 hours permanent operation with batteries / rechargeable batteries (depending on capacity)

**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.**

<b>Type of equipment</b>	Laser Receiver
<b>Brand name or trade mark</b>	Status Pro Maschinenmesstechnik GmbH
<b>Type designation(s) / Model no(s)</b>	T330 – BG 830203, /1, /2, /3
<b>Manufacturer's name, address, telephone &amp; fax no</b>	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 laser is classified in accordance with the International Standard IES-60825-1:2007, USA FDA Standard 21 CFR, Ch I, Part 1040.10 and 1040.11 except for deviations pursuant to laser notice No. 50, dated June 24, 2007.

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



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