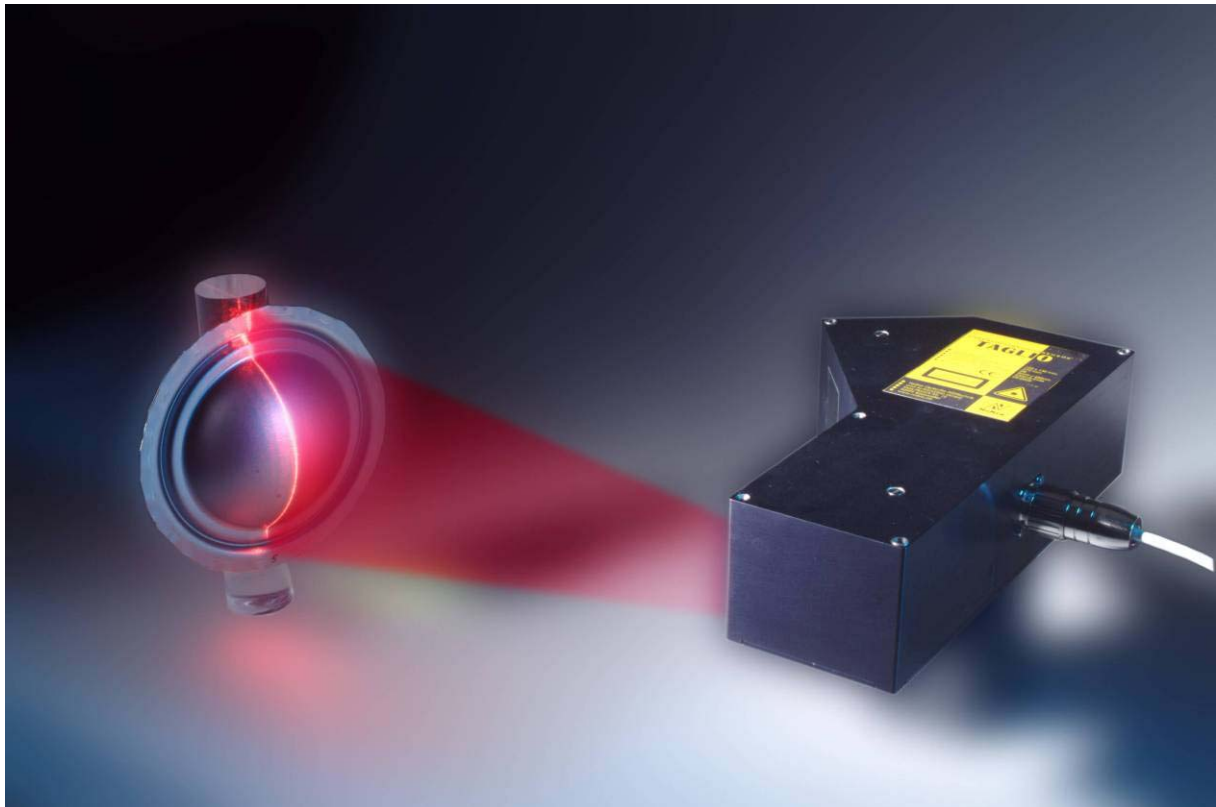


Technical datasheet for laser light section sensor **TAGLIO**

Model: TAGLIO 272/130x105-685

Date: 18.5.2007



NoKra Optische Prüftechnik und Automation GmbH
Max-Planck-Str. 12
D-52499 Baesweiler
Germany
phone: ++49 (0) 2401/6077-0
fax: ++49 (0) 2401/6077-11
Internet: www.nokra.de
Email: info@nokra.de

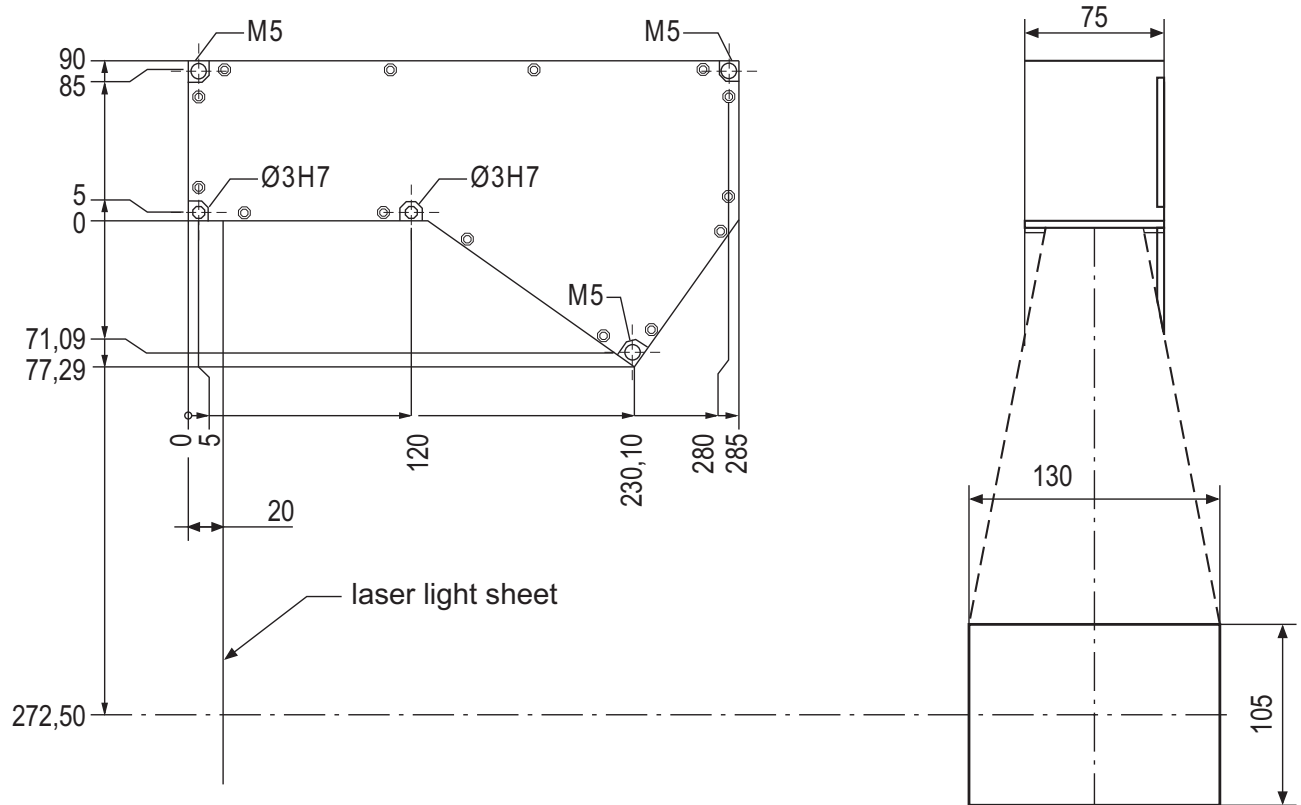
Author:
Dipl.-Ing. M. Krauhausen
Tel. ++49 (0) 2401/6077-14
e-mail: mkrauhausen@nokra.de

Technical data

Attribute	Technical Data/Description
Method of measurement	Static line triangulation according to DIN 32 877
Laser radiation	visible, wavelength 685 nm
Laser safety class	III B
Measuring range	130 mm x 105 mm
Working distance	272 mm
Measuring frequency	200 Hz
spatial repetitive accuracy according to DIN 32 877	130 μ m
temporal repetitive accuracy according to DIN 32 877	65 μ m
Linearity according to DIN 32 877	100 μ m
Reflection characteristics of the object to be measured	Automatic Adaptation
Interfaces	<ul style="list-style-type: none"> • Digital signal exchange between sensor and control unit • Digital signal exchange between control unit and data analysis unit
Display	Status-LEDs at the control unit: Ready, Error, Laser, Trigger, Trigger phase.
Software	Software to parameterize and control the sensor. Sensor control takes place via an Ethernet interface. The control software runs on the operating system Linux. Communication with the sensor is based on the TCP/IP-protocol.

Dimensions

Sensor



Accessories

Data analysis unit for up to two sensors

19"- slide in computer, 4 rackunits

Connecting cables

Connecting cable between sensor and control unit

Connecting cable between control unit and data analysis unit

Power supply unit

24V-power adaptor