

Line Laser



Characteristics:

- Line Laser with 25° opening angle
- Less than 0.4 mrad laser line deviation between the mechanical axis and the optical axis
- Gear train for remote positioning
- Solid build for industrial use

Short description

The Laser module can be used for the positioning or aligning of objects and generates a precise Line for this purpose. The alignment angle between the mechanical- and the optical axis is better than 0.4 mrad. This has the advantage that the laser line can be rotated by a remote control mechanism. Even if the laser is turned around by 180° the laser line is again at the same position.

Technical Data

Line Laser		
Operating voltage	4-6	V
max. operating current ¹⁾	< 50mA	mA
Optical output power	< 1 mW	mW
Wavelength	635	nm
Laser class	2	
Opening angle	25	°
Line width / length	< 2 / 550 at 1300 mm	mm
Centre axis of line	+/- 35	mRad
Cable length	2000	mm

Unless indicated otherwise, the data is correct at 20 °C room temperature

1) At lowest voltage

Electrical connections and Dimensions

Technical drawing available on request