

Technical information for Line laser 22101



1. Safety information:



Attention!
Laser beam!

Range ca. 5 to 10m

Never look directly into the laser beam and do not point it at other people, animals or strongly reflective surfaces.

Laser class 2	(EN60825-1: 1997)
Wavelength:	630-680nm
Power:	<1mW
Power supply:	2x1,5V (LR44)
Disposal:	Batteries are hazardous waste. Do not dispose as household waste.



Attention!
The device and the targets contain high-powered magnets.

For safety reasons, individuals with pacemakers should not use the device.
Keep a safe distance away from electronic devices and wristwatches in order to prevent interference.



Attention!
The device must not be used in potentially explosive areas.

Avoid subjecting the device to any heavy mechanical loads.
Do not expose it to high temperatures, strong vibrations, moisture or humidity.
The device must not be opened, modified or operated with a different power supply.

Failure to observe will result in damage to the measuring device and will invalidate the warranty. We accept no liability for any resulting subsequent damage of any kind.

2. Operating instructions:

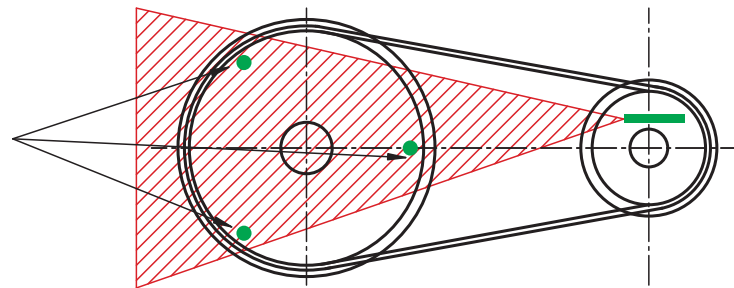
The Line laser - The device is simply placed on a flat surface of one of the two pulleys being lined up. The magnets on the base hold the device in place on steel surfaces. Another securing method must be used on other materials i.e. double-sided adhesive tape.

The 3 targets are placed on a flat surface of the second pulley as shown in the diagram below. These also have magnets to hold them in place on steel surfaces.

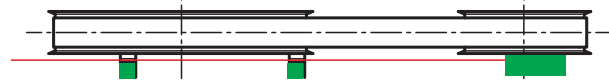
Before switching on the device, please ensure that persons in the vicinity are not endangered.

The pulley being aligned is correctly positioned when the laser beam hits the same mark on all three targets. The alignment must be made in the axial, horizontal and vertical directions. The laser beam exits the device 5mm above the base. This corresponds to the centre mark on the targets.

Positioning the 3 targets



Ideal alignment with Line laser 22101



Possible axial misalignment



Possible angular horizontal and/or vertical misalignment

