

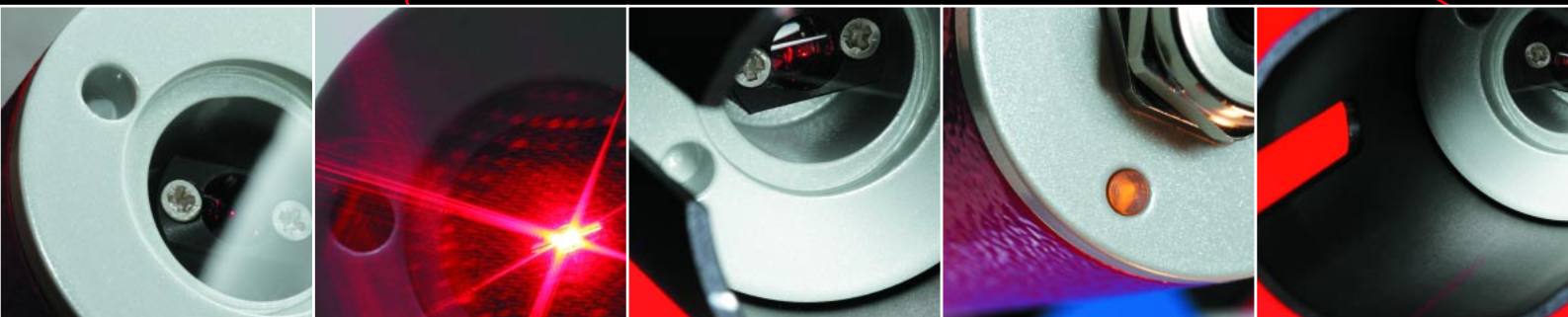
PD LASER

 LINELASER

Output power 1 to 30 mW



alignment with precision



PD LASER.



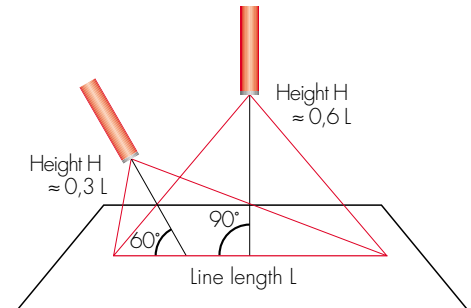
HIGHLIGHTS.

- Immune against power line spikes and surges
- Wide range power supply 90 - 265 VAC
- Compatible worldwide. Standard \varnothing 40 mm

COMPATIBLE, RUGGED, SAFE.

LAP PD series lasers are designed for heavy duty industrial applications where a clear, precise line is desired for alignment purposes, even in daylight. The precision optics provide for an optimally focused line and best visibility, allowing easy and exact positioning of material.

They have a cylindrical housing with 40 mm OD, fitting the brackets commonly used on machines worldwide. The robust aluminum housing incorporates the wide range power supply, control electronics, laser diode and multiple element precision glass optics. It assures that the laser withstands even the harshest conditions in areas where dirt and contamination are a normal part of the environment. The wide range power supply operates on all mains worldwide and tolerates massive surges and voltage fluctuations.



BRACKETS.



B2-PD-J



B2-PD



B2-SR



B3-SR



B5-RD

Complementing the shown models, LAP offers movable brackets, machine-specific mounting kits and customized solutions.

TECHNICAL DATA.

MODELS.

Output power	Line laser	Laser class	Line length ¹⁾
1 mW	LAP 1 PDL	2	up to 1 m
3 mW	LAP 3 PDL	2	up to 2 m
5 mW	LAP 5 PDL	2	up to 4 m
10 mW	LAP 10 PDL	2M	up to 7 m
15 mW	LAP 15 PDL	2M	up to 12 m
30 mW	LAP 30 PDL	2M ²⁾	up to 18 m

1) depends on ambient light, height above surface, angle 2) with protecting tube, otherwise 3B

GENERAL DATA.

Laser type, wavelength	diode, 635 nm, red
Divergence	0,5 mrad
Enclosure rating	IP 54
Power supply	90 - 265 VAC
Power consumption	< 200 mA
Ambient conditions	-10° to +40°C, 35 - 90% rel. humidity, non-condensing
Dimensions	length 210 mm, Ø 40 mm
Shock, vibration	max. 5 g



LAP has a great deal of experience with customer-specific solutions.
Please inquire!



Sensors, Line Lasers, Projectors
Systems & Solutions



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