



XtrAlign HY

1 ... 40 mW

BRACKETS:



POWER SUPPLY:



CONNECTOR:

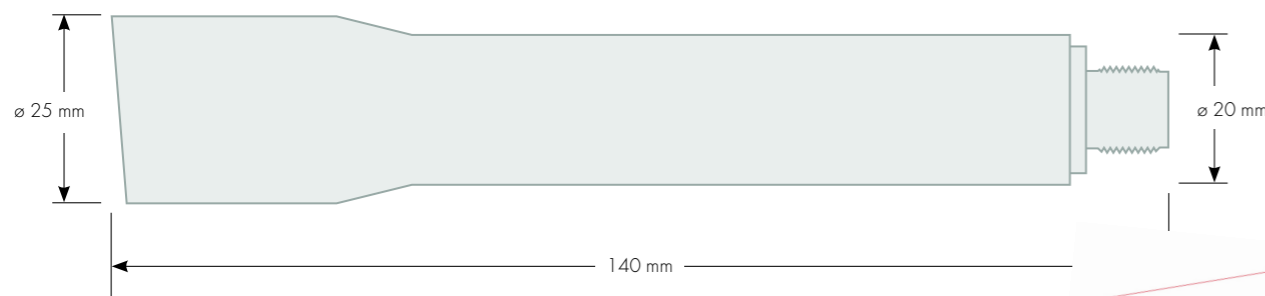


HEATSINK:



Cooling Element optional

DRAWING (1:1):



GREEN, BRIGHT, ROBUST:

Lasers of HY series with green laser beam are used, when visibility of red lasers is no longer sufficient. This may occur on adverse surfaces (e.g. red or black, wet stone) or bright ambient illumination (sunlight). Green light has a visibility about five times higher compared to red light, because human eyes have their maximum sensitivity in this wavelength area.

The robust housing made of stainless steel protects laser, electronic circuitry and precision optics. Thanks to a compact design and reduced weight the laser can be used just about anywhere.

FEATURES:

- Improved longevity due to diode laser source
- Manually focusable
- Optimal visibility of green beam
- „Heavy Duty“, extremely robust
- Available opening angles line: 10°, 20°, 30°, 40°, 80° (standard)
- Available opening angles cross: 38°, 62° (standard)

Technical data

Laser type, Wavelength	Diode, 520 nm, green
Power supply	12 ... 30 V DC
Application conditions	-10 ... +40 °C, 35 ... 90 % rel. humidity, non-condensing
Enclosure rating	IP 67
Divergence	0,5 mrad
MTTF	> 30.000 h at 25°C
Dimensions	Length 140 mm, Ø 25 mm (front) / 20 mm (back)
Connector	M12, 4-pol.

LINE LASERS

Laser power	Product	Laser class*	Line length*
1 mW	LAP 1 HYL	1	up to 1 m
3 mW	LAP 3 HYL	1	up to 2 m
5 mW	LAP 5 HYL	1	up to 4 m
10 mW	LAP 10 HYL	2	up to 6 m
15 mW**	LAP 15 HYL	2	up to 10 m
30 mW**	LAP 30 HYL	2M	up to 20 m
40 mW**	LAP 40 HYL	3R	up to 30 m

CROSS LASERS

Laser power	Product	Laser class*	Line length at 1 m distance
1 mW	LAP 1 HYX	1	60 cm/90 cm
3 mW	LAP 3 HYX	1	60 cm/90 cm
5 mW	LAP 5 HYX	2	60 cm/90 cm
10 mW	LAP 10 HYX	2	60 cm/90 cm
15 mW**	LAP 15 HYX	2	60 cm/90 cm
30 mW**	LAP 30 HYX	2M	60 cm/90 cm
40 mW**	LAP 40 HYX	2M	60 cm/90 cm

POINT LASERS

Laser power	Product	Laser class
1 mW	LAP 1 HYP	2
3 mW	LAP 3 HYP	3R
5 mW	LAP 5 HYP	3R
10 mW	LAP 10 HYP	3B
15 mW**	LAP 15 HYP	3B
30 mW**	LAP 30 HYP	3B
40 mW**	LAP 40 HYP	3B



Get the green light for your production.



*Standard opening angle 80° line / 62° cross; line length depends on ambient light, mounting position and angle
**LAP bracket or heatsink required