

Product Name: T Laser

Product description: Linear Focusable
 Diode Laser in a 14 mm Housing with
 Driver integrated

Datasheet date: 09.06.2025



SPECIFICATIONS/ESPECIFICACIONES

OPTICAL

Wavelength (@20°C)	375nm-1300nm
Output Power after Lense	<1mW to 500mW
Bore sight	< 10 mrd (focused blocked in collimation Position)
Laser Product Class	1 Laser Class 1-4
Clear Aperture	Up to 6mm
Max. divergence when collimated	< 1 mrd (full angle at 1/e ²)
Focusing Range	60mm +/- 20mm to infinite

ELECTRICAL

Operating Voltage	4 to 6Vdc. (12V or 24V with ext.regulation)
Operating Current	Depend Laserdiode (Power and Wavel.)
Operation Modes	CW and modulated up to 10 KHz
Power Stability	< 0,5% Variation under constant Temp.
Reverse Voltage	Buil in
Protection	

ENVIRONMENTAL

Operation Temp.	0 to 50°C
Storage Temp.	-20 °C to 60 °C
Warm up	< sec
MTTF	>5.000 hrs.

MECHANICAL

Cable Length	1 m
Dimensions	Diameter 14 (+0/-0,1)x80mm
Housing Material	Natural Anodized Aluminium
Traceability	Serial number

