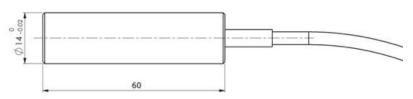
60 mm

14 mm

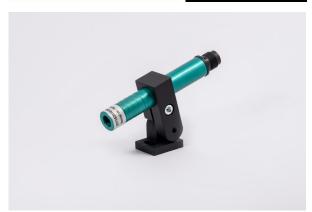








The IDT 1 is a small laser diode module (60 mm length and 14 mm diameter) which can project sharp dot, line or cross beams, making it the ideal solution for many applications throughout the industrial and scientific sectors. It is reverse-protected, transient-protected and highly resistant to vibrations and waterproof. IDT 1 can be also equipped with all special optics



Mechanical Specifications Length Size Diameter **IP67** Protection anodized aluminum Housing **Environmental Specifications** Storage -40 to +85 °C temperature Operating -15 to +50 °C temperature 30'000 - 150'000 h/25°C **MTTF**

Accessories

1. Black anodized aluminum mounting bracket with fixing holes for machine installation.

Optical Specifications	
Available	520, 635, 650, 670, 780, 808, 830
wavelengths	nm
Available	0.9—15 mW
power outputs	
Beam size	1 - 2.4 mm
at aperture	
Beam diver-	< 3 mRad
gence	
Ray stability	0.01 mRad/°C
Tray Stability	0.01 mrad/ C



2. Transformer (input 220-240 VAC; output 5 VDC; 200 mA; stabilized)

*Upon request, the lasers and their accessories can be customized to suit individual needs.

Electrical Specifications	
Supply voltage	5—24 Vcc
Operating cur- rent	I max from 24 to 200mA
Reverse polarity protection	Yes
Connections	White = + Brown = -

