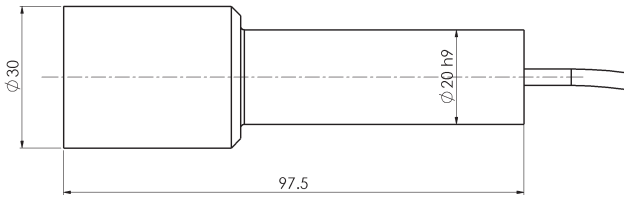
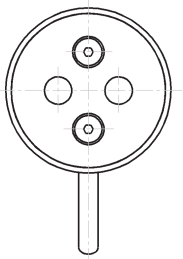
IDT 4 Basis Module

ID&T GmbH
INDUSTRIAL DESIGN AND TECHNOLOGY





FEATURES

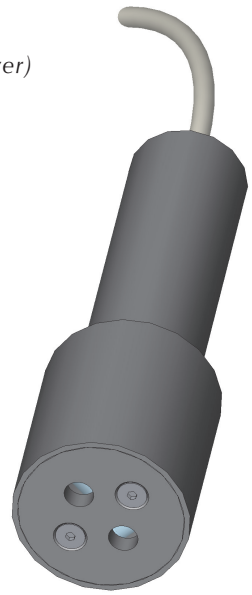
- Compact size D30x 97.5mm
- Focussed spot size <100m
- Cross Hair Generator
- swiss quality, IP67
- Polarity reversal protection
- anodised alu-body

The IDT 4 series of laser diode modules is ideally suited to applications such as bore sighting, alignment, robot control, positioning and edge detection. They include precision optical and mechanical components enclosed in a black anodised aluminium body

The IDT 4 series incorporates an fixed double line Generartor which can be used to produce a 90° cross in a high qualitiy. The Power is connected to the module using the positive (white) and negative (brown) cables.

Specifications:

Available Wavelengths	635, 650, 670, 780, 808, 830, 850 nm
Available Powers	1 - 10 mW
Beam Size at aperture	110°
Divergence (collimated beam)	<1mrad
Spot size (focussed beam)	1'000mm
Cross lengh	at 1'000mm >1'200mm
Ray Stability	0.01 mrad / °C
Operating voltage	12 - 24V DC
Operating current	<120mA (Depending on laser power)
Operating temp.	-10°C to +40 °C
Storage temp.	-40°C to +80°C
MTTF	> 35'000 hours



Options:

Available with 5 VCC

Specify part numbers as follows: **IDT463505/24**

IDT 4 series, wavelength 635nm, output power <5mW
Standard line lenght

Accessories

Holders
Power supplies 5VCC

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