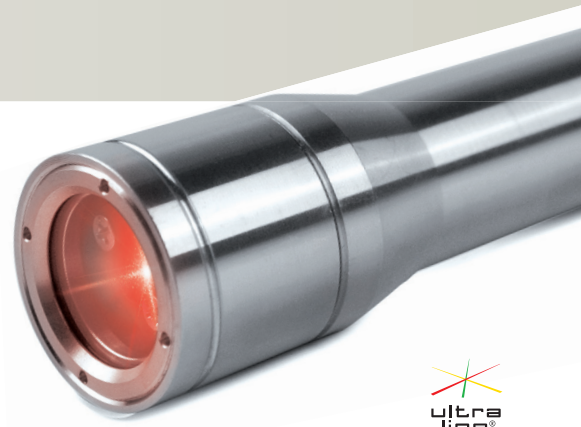
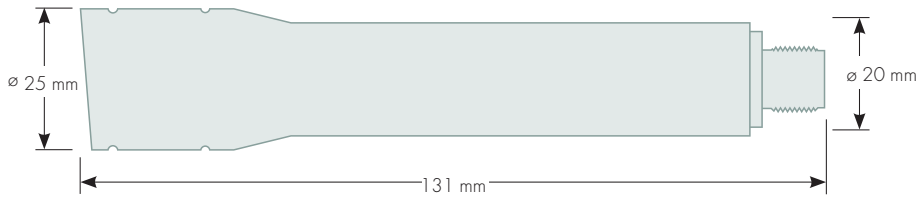


DATA SHEET FD LASER



PERFORMANCE

- Fixed focus
- Small, robust stainless steel housing
- IP 67

TECHNICAL DATA

| | |
|-------------------------|--|
| Laser type/Laser colour | diode/red |
| Wavelength | 635 nm |
| Output power | 1 ... 30 mW |
| Opening angle | 80° |
| Divergence | 0.5 mrad |
| Operating voltage AC/DC | 12 ... 30 V DC/15 ... 20 V AC |
| Power consumption | < 200 mA |
| Enclosure rating | IP 67 |
| Dimensions/Weight | L: 131 mm × ø 25 mm (front); ø 20 mm (back)/190 g |
| Power connector | M12, 4-core |
| Application conditions | -10 ... +40 °C, 35 ... 90 % rel. humidity, non condensing |
| MTTF | > 30.000 h at 25 °C |

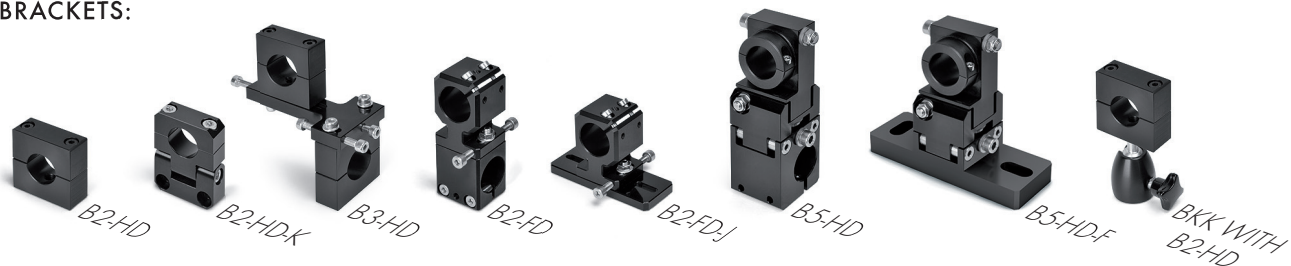
LINE LASERS

| Models | Output power | Line length | Laser class |
|------------|--------------|-------------|-------------|
| LAP 1 FDL | 1 mW | up to 1 m | 1 |
| LAP 3 FDL | 3 mW | up to 2 m | 1 |
| LAP 5 FDL | 5 mW | up to 4 m | 1 |
| LAP 10 FDL | 10 mW | up to 6 m | 2 |
| LAP 15 FDL | 15 mW | up to 10 m | 2 |
| LAP 30 FDL | 30 mW | up to 20 m | 2 |

*standard optics, line length depends on ambient light, height above surface, angle

ACCESSORIES:

BRACKETS:



POWER SUPPLY:



CONNECTOR:



