

**LOS**Lasers  
& Optical  
Systems

## Eye-safe 1,54 $\mu\text{m}$ 4 mJ/1 mJ x 40 Hz compact Laser



### Applications:

- Compact and portable rangefinders
- LIDAR
- Environmental monitoring
- Free space optical communication
- Navigation

### Characteristics:

Optical		
Wavelength	1.54 $\mu\text{m}$	
Pulse energy	4 mJ	1-1.3 mJ
Pulse duration	25 ns	13-15 ns
Beam diameter	10 mm	3 mm
Beam divergence	1 mrad	5 mrad
Pulse repetition rate	40 Hz (1...40 Hz)	40 Hz (1...40 Hz)
Technical		
Laser head size	125x70x30 mm	64x64x27 mm
Laser head weight	Up to 1.0 kg	Up to 150 g
Working temperature	-40 ... +60 °C	