

## LS250 - Laser-Power-Supply up to 250 mW

<b>Computer-Interface</b>	
PC Interface	USB 2.0
Application Software	LabView
Trigger Output Level	3.3 V CMOS
Burst Trigger Output Connector	BNC
Laser - Wavelength	850 nm
Laser - Output Power	750 mW
Laser - Shutdown Time	1 ms
Fiber Optic Connector	ST / ST
Fiber Optic Cable Length	15 m
Max. Fiber Optic Cable Length	500 m (sold on request)
Input Voltage*	5 V $\pm$ 5%
Input Current	<2 A
Ambient Temperature	10 °C ... 40 °C
Dimensions (W x D x H)	135 x 38 x 120 mm <sup>3</sup>
*power supply included	
<b>Demo-Sensor-Interface</b>	
Galvanically isolated, highly efficient and adaptive power supply plus continuous and reliable data communication.	
Power supply for external sensors	Max. 250 mW 2 V +/- 10%,
Acceleration measurement in 3 axes	+/- 2g; 4g; 8g; 16g, 12bit, 1kS/s
Voltage measurement	0,65 ... 1,85 V DC, 12 bit, 1 kS/s
Internal temperature measurement	0 ... 85 °C
4x GPIO, freely programmable	
External IO voltage	1,2 ... 3,3 V
Dimensions (W x D x H)	33x 14 x 16 mm <sup>3</sup>
Fiber Optic Connector	ST / ST
Electrical connector	Receptacle RM 2,54 mm, 2x4 Pins