

Industrial hermetic laser line generator with rectilinearity correction ML-28SGL-635-30



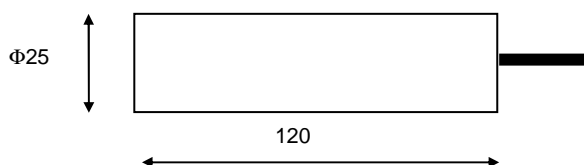
Laser line generator



Power supply for TS-35mm bar



Power supply with LEMO connector



Technical data:

- Safety Class 3B from PN-EN 60825 1:2014;
- Wavelength $\lambda=638\text{nm}$;
- Laser Diode $P_o=35\text{mW}$;
- Average Output Power $\sim 30\text{mW}$;
- Operating Voltage $3,5\text{V}\div 6\text{V}$;
- Operating Current $\sim 100\text{mA}$;
- Optics: 4-element glass objective $F=4,5\text{mm}$, $NA=0.45$, $CA=4,3\text{mm}$, AR;
- Line generating angle $\sim 90^\circ$;
- Possibility to focus at any distance from 30cm to infinity; (preset: infinity with $< 2\text{mrad}$ beam divergence);
- Aluminium housing (black anodized);
- International Protection Rating IP65;
- LiYY 2x0,25 $\varnothing 4,1\text{mm}$ wire; 2m long;
- Electrical connection markers (when using power supply for TS-35mm bar):
 - brown - positive
 - white - negative
- Electrical connection markers (when using power supply with LEMO connector):
 - braid - positive
 - central vein - negative

WARNING:

Take precautions to avoid electrostatic discharge and momentary power spikes above 6V. When using simple power supplies, it is important to switch the mains power system on first, then switch the laser module on. To shut off - reverse the order.