

Laser module ML- 59P- 650-1

Miniature laser pointer.



Technical data:

- Safety Class 2 from PN-EN 60825 1:2005;
- Wavelength $\lambda=650\text{nm}$;
- Average Output Power $<1\text{mW}$;
- Operating Voltage $3\text{V}\div 6\text{V}$ (prefer 3V);
- Operating Current $\approx 30\text{mA}$;
- Optics: aspherical acrylate focusing lens $F=8\text{mm}$, $\text{NA}=0,28$;
- Beam Diameter $4,5\text{mm}$;
- Beam Divergence $<2\text{mrad}$;
- Possibility to focus at any distance; preset: 350mm
- Brass housing;
- Size: $F10, 5\text{mm} \times 19,5\text{mm}$;
- Electrical connection markers:
 - Blue – negative
 - Red – positive

WARNING:

- 1. The housing is internally connected to the negative supply rail.**
- 2. 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.**