

Technical data sheet

ML-44PGK-635-3

Laser cross generator



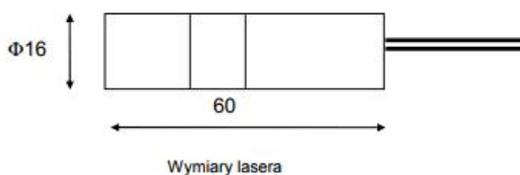
laser



zasilacz na listwę TS-35



zasilacz ze złączem LEMO



Technical data	
Safety class	1M wg PN-EN 60825 1:2005
Wave length	$\lambda = 635 \text{ nm}$
Laser diode	$P_o = 5 \text{ mW}$
Optic Power	~ 3 mW
Power supply	3 V - 6 V (preferred 3,5 V)
Current consumption	~ 40 mA
Optics	aspherical acrylic lens $F=8\text{mm}$; $NA=0,28$
Factory focusing length	1 m
Housing and dimensions	Aluminium housing (black anodized)
Cable labeling	(+)red, (-) blue

Note:

1. Negative pole of power supply is connected with laser housing.
2. Protect power supply against temporary surges exceeding 6V. In case of power supply from simple mains power supplies, one should first turn on mains power supply and then laser module power supply. Proceed on the contrary in case of turning off.
3. In industrial solutions the power supply for TS-35 strip and laser switching on LV side with the use of relay or contactor with "back-up" is preferred so that each 230V supply voltage loss requires subsequent turning on the laser on LV side with a mono-stabile switch

Other options of execution:

- Other powers, wave lengths
- Power supply 230VAC/3,5VDC/150mA with LEMO connector or 230VAC/3,5VDC; 500 mA for DIN TS-35 mm strip