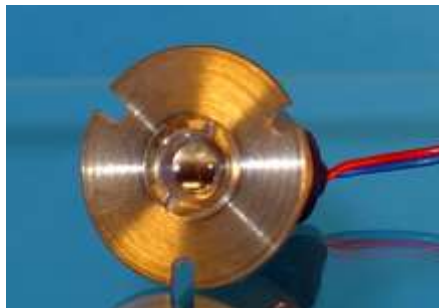


Technical data sheet Laser module ML- 6P- 650-3

Wlaser indicator with the beam perpendicular to mechanical housing flange



Technical data	
Safety class	3R acc. to PN-EN 60825-1:2014
Wave length	$\lambda = 650 \text{ nm} \pm 10 \text{ nm}$
Optical power	$3 \text{ mW} \pm 0.5 \text{ mW}$
Power supply	2,7 V - 6 V (preferred 3.5V)
Current consumption	< 50 mA
Laser output beam diameter	$4,5 \text{ mm} \pm 0,5 \text{ mm}$
Beam divergence	< 2 mrad
Factory focusing distance	$1,5 \text{ m} \pm 0,02 \text{ m}$ (external mechanism of focus adjustment)
Housing and dimensions	Brass housing , $\phi 24 \text{ mm} \times 36 \text{ mm}$
Mounting	3x $\phi 2,4$ at every 120° at diameter $\phi 21$ made in $\phi 24$ flange
Cable	TLWY 2 x 0,124,length: $0,2 \text{ m} \pm 0,01 \text{ m}$
Cable labeling	(+)red, (-) blue
Guarantee	2 years

Note:

1. Positive 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.