

LASER POINTER LSVR12 SERIES - RED LIGHT- $\varnothing 12$ - 0.4mW



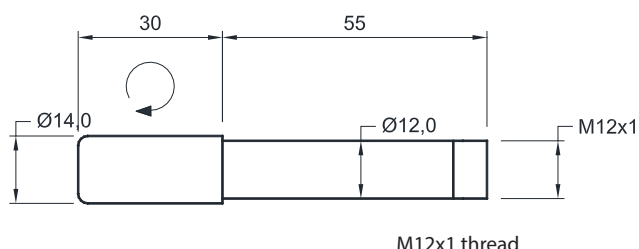
Laser pointer consisting of a high quality red light laser diode, available with 635 nm wavelength and a power of 0.4mW.

The pointer generating a line of only 0.5mm thickness is suitable in applications where a very thin and long line is required.

The adjustment of the focus permits to obtain a visible and well-focused line up to a maximum height of 250mm from the work surface.

Furthermore, being in safety class 1, even the direct vision of the beam does not create any damage to the human eye.

(mm)



Connection M12x1 connector



1 = Brown = Positive + Vcc.
2 = Free
3 = Blue = Negative GND
4 = Free

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Type	LSVR12-635-0.4-T20-PL90-Y
Art. no.	SM317004
Mounted lens	Line Powell Lens
Line length at 100mm height	180 mm
Line length at 250mm height (max. suggested height)	380 mm
Power supply	5...24 Vdc
Power	0.4 mW
Wavelength	635 nm
Life time	≥ 20.000 h
Permitted temperature	-10°...+50°C
Focus adjustment	yes
Tolerance of the lens for line	$\pm 15\%$
Minimum line thickness	0.5mm (with white surface)
Current consumption	~ 10 mA typical
Automatic control of the output power	yes
Reverse polarity and overvoltage protections	yes
Housing material	plastic
Connection	connector M12x1 - 4p
Degree of protection	IP67
Safety protection class	1
For the classification of the laser systems: only in perfect conditions and supplied with DC power supply, the system can be specified in the safety class, according to the new regulations in force since 12/15. READ THE INSTRUCTIONS CAREFULLY BEFORE ASSEMBLING	
Laser according to the standard EN 60825-1: 2015-12	

Ed. 12/19 - All specifications are subject to change without notice