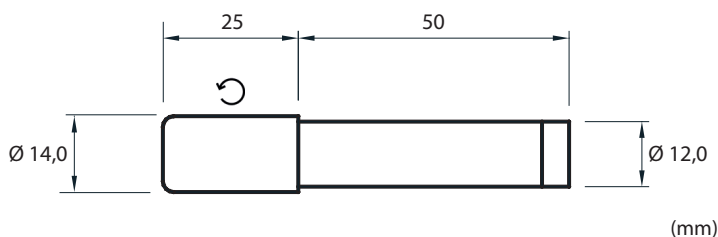


## LASER POINTER LSVR12 SERIES - RED LIGHT - $\varnothing 12$ - 0.4mW



Laser pointer consisting of a high quality red light laser diode, available in the wavelength of 635 nm and with a power of 0.4mW.  
The ring allows easy focus adjustment.



M12x1 thread

Connection M12x1 connector



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

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Type	LSVR12-635-0,4-T20-60-Y
Art. no.	SM322003
Mounted lens	Line Plastic Diffractive lens 60°
Line length at 100mm distance	120 mm
Line length at 250mm distance	290 mm
Line length at 500mm distance	550 mm
Power supply	5...24 Vdc
Power	< 0,4 mW
Wavelength	635 nm
Line thickness	depending on the type and color of the material from 0.50 to 1.00 mm
Life time at +20°C	≥ 20.000 h
Permitted temperature	-10°...+50°C
Focus adjustment	yes
Tolerance of the lens for line	± 15%
Line thickness	~ 2 mm
Current consumption	~ 10 mA typical
Automatic control of the output power	yes
Reverse polarity and overvoltage protections	yes
Housing material	alluminum
Connection	connector M12x1
Degree of protection	IP67 ring / IP54 housing
Safety protection class	1 The EN60825-1 Standard indicates that direct vision of laser beam in Class 1 does not cause damage to the human eye but could still create glare
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. 04/24 - All specifications are subject to change without notice