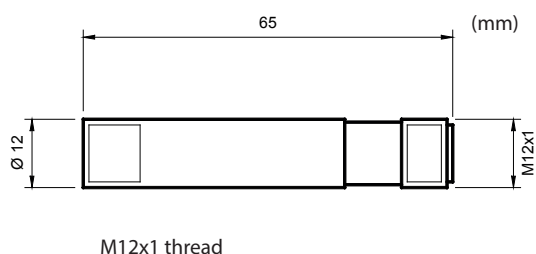


LASER POINTER LSM12 SERIES - RED LIGHT - $\varnothing 12$ - 3mW



Laser pointer made of a high quality red laser diode, available with 635 nm wavelength and a power of 3 mW.
Aluminum housing.



Connection M12x1 connector



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

Accessories page 39

Type	LSM12-635-3-T20-X-Y1
Art. no.	SM315004
Mounted lens	cross Plastics Diffractive Lens
Cross dimension at 1 m distance	150 x 150 mm
Power supply	5,0 Vdc
Power	3 mW
Wavelength	635 nm
Life time	≥ 20.000 h
Permitted temperature	$-10^{\circ} \dots +50^{\circ}\text{C}$
Focus adjustment	no
Tolerance of the lens for line	$\pm 15\%$
Minimum line thickness	$\sim 1,5$ mm
Current consumption	~ 40 mA typical
Automatic control of the output power	yes
Reverse polarity and overvoltage protections	yes
Housing material	aluminum
Connection	metal connector M12x1 - 4p
Degree of protection	IP67
Safety protection class	2M
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.	
Laser according to the standard EN 60825-1: 2015-12	