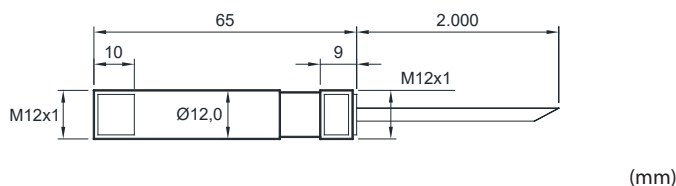


LASER POINTER LSV12 SERIES - RED LIGHT - $\varnothing 12$ - 3mW

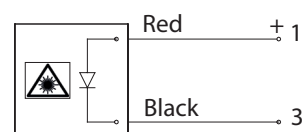


Laser pointer made of a high quality red laser diode, available with 635 nm wavelength and a power of 3 mW



(mm)

Cable connection



Dimension art. SM313002 (**) (mm)

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Type	LSV12-635-3-T20-P	LSV12-635-3-T20-X9E	LSV12-635-3-T20-60
Art. no.	SM309002	SM313002 (**)	SM306010
Mounted lens	point	cross Plastics Diffractive Lens	line with lens 60° Glass Rod Lens
Point diameter at 1 m distance	~ $\varnothing 2,5$ mm	-	-
Cross dimension at 1 m distance	-	150 x 150 mm	-
Line length at 1 m distance	-	-	1.100 mm
Power supply	5...24 Vdc		
Power	3 mW		
Wavelength	635 nm		
Beam divergence	0,5 mrad	-	-
Minimum line thickness	-	-	~ 1,5 mm
Life time at 20°C	≥ 20.000 h		
Permitted temperature	-10°...+50°C		
Focus adjustment	yes, by screwdriver	yes	no
Tolerance of the lens for line	$\pm 15\%$		
Current consumption	~ 10 mA typical		
Automatic control of the output power	yes		
Reverse polarity and overvoltage protections	yes		
Housing material	plastic		
Cable connection	2000 mm		
Degree of protection	IP40	IP67	IP67
Classe di sicurezza			

(*) If you remove the ring from the pointer wiht cross lens, the safety class changes to 3R

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

Ed. 12/2025 - All specifications are subject to change without notice