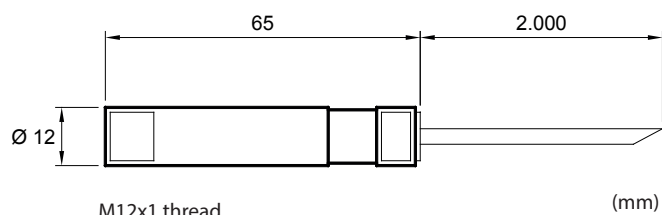


LASER POINTER LSV12 SERIES - RED LIGHT - $\varnothing 12$ - 3mW

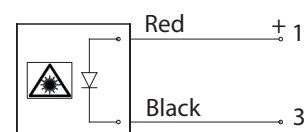


Laser pointer made of a high quality red laser diode, available with 635 nm wavelength and a power of 3 mW



Dimension art. SM313002 (**) (mm)

Cable connection



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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	≥ 20.000 h		
Permitted temperature	$-10^{\circ} \dots +50^{\circ}C$		
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
Safety protection class	3R	2M	2
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. 03/2021 - All specifications are subject to change without notice