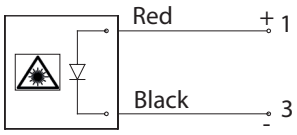
LASER POINTER LSV12 SERIES - RED LIGHT - ø12 - 1mW

Laser pointer made of a high quality red laser diode, available with 635 nm wavelength and a power of 1 mW, which generates a point with a maximum error of <1mm at 1m distance, focused at 10cm.

(mm)

Cable connection



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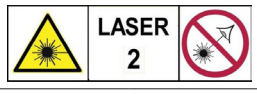
Type	LSV12-635-1-T10-PC-F100	LSV12-635-1-T10-PC-F30
Art. no.	SM321001	SM321003
Mounted lens	point	
Point diameter at 1 m distance	~ 1 mm focused at 100 cm	~ 1 mm focused at 30 cm
Cross dimension at 1 m distance	-	-
Line length at 1 m distance	-	-
Power supply	5...24 Vdc	
Power	1 mW	
Wavelength	635 nm	
Beam divergence	0.8 mrad	
Life time at 20°C	≥ 10.000 h	
Permitted temperature	-10°...+50°C	
Focus adjustment	no	
Tolerance of the lens for line	-	
Minimum line thickness	-	-
Current consumption	~ 10 mA typical	
Automatic control of the output power	yes	
Reverse polarity and overvoltage protections	yes	
Housing material	black anodized aluminum	
Cable connection	2 x AWG28 - 2000 mm	
Degree of protection	IP40	
Safety protection class		
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		