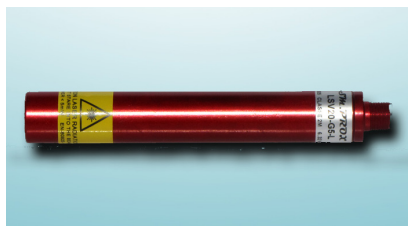
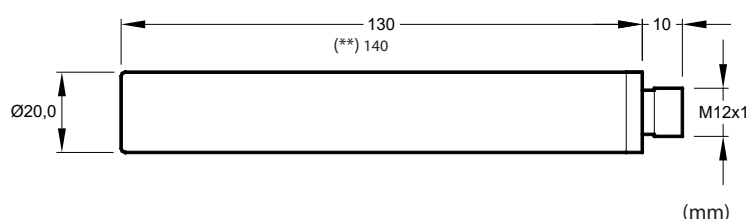


LASER POINTER LSV20 SERIES - GREEN LIGHT - Ø20 - 1mW

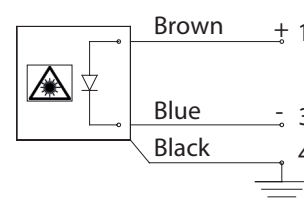


Laser pointer made of a high quality green laser diode, available with 520 nm wavelength and a power of 1mW. This laser pointer can generate a point, a line or a cross. On request different powers.



Thanks to the anodized aluminium housing and the protection glass, it is suitable for harsh applications or ambient with water.



Connection M12x1 connector



Accessories page 52

Type	LSV20-G1-520-P	LSV20-G1-520-X (**)	LSV20-G1-520-L
Art. no.	SM319021	SM319020	SM319019
Mounted lens	point	cross Plastics Diffractive Lens	line Glass Rod Lens
Point diameter at 1 m distance	≈ Ø 3,0 mm	-	-
Cross dimension at 1 m distance	-	120x120 mm	-
Line length at 1 m distance	-	-	< 500 mm
Power supply	6...24 Vdc / 6...12 Vac		
Power	1 mW		
Wavelength	520nm		
Beam divergence	0,4 mrad	-	-
Life time at 20°C	≥ 10.000 h		
Permitted temperature	-10° ...+50°C		
Focus adjustment (fixed at 1m)	no	no	no
Current consumption	< 30 mA		
Reverse polarity and overvoltage protections	yes		
Housing material	anodized aluminum		
Connection	connector M12x1		
Degree of protection	IP67		
Safety protection class	<div><div>LASER 2</div></div>		
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			
In case of disturbances or electrostatic charges connect Pin4 to the machine ground. See SM515001 at page 53.			

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