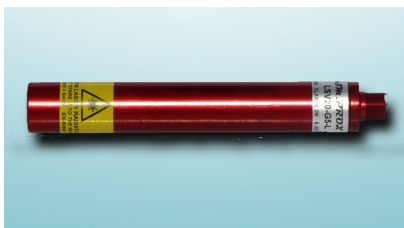


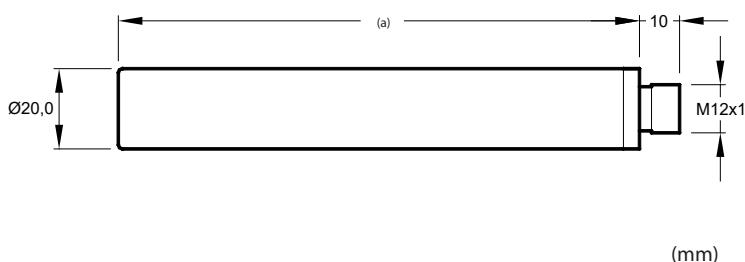
LASER POINTER LSV20 SERIES - GREEN LIGHT - Ø20 - 5mW



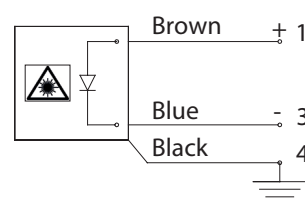
Laser pointer made of a high quality green laser diode, available with 520 nm wavelength and a power of 5mW. This laser pointer can generate a point, a line or a cross. On request different powers.

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










The new 520nm diode allows for a wider temperature range (-10 ... + 50 °C) and greater stability.



Connection M12x1 connector



Accessories page 52

Type	LSV20-G5-520-P		LSV20-G5-520-X-3.5°	LSV20-G5-520-X	LSV20-G5-520-L	LSV20-G5-520-L-4°
Art. no.	SM319022		SM323003	SM319023	SM319024	SM323004
Dimension (a)	130 mm		140 mm	140mm	130 mm	130 mm
Mounted lens	point		cross Plastics Diffractive Lens	cross Plastics Diffractive Lens	line Glass Rod Lens	line Glass Rod Lens
Line length at 1 m distance	-		-	-	< 1.000 mm	≈100 mm
Point diameter at 1 m distance	~ Ø 3,0 mm		-	-	-	
Cross dimension at 1 m distance	-		60x60 mm	120x120 mm	-	
Power supply	6...24 Vdc / 6...12 Vac					
Power	5 mW					
Wavelength	520 nm					
Beam divergence	0,4 mrad	-	-	-	-	
Life time at 20°C	≥ 10.000 h					
Permitted temperature	-10°...+50°C					
Focus adjustment (fixed at 1m)	no					
Current consumption	< 50 mA					
Reverse polarity and overvoltage protections	yes					
Housing material	anodized aluminum					
Connection	connector M12x1					
Degree of protection	IP67					
Safety protection class	<div><div></div><div></div><div></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.						