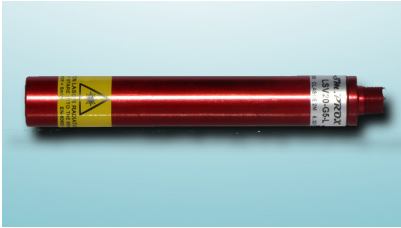


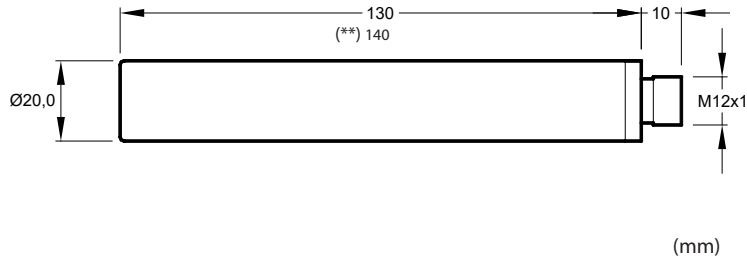
LASER POINTER LSV20 SERIES - GREEN LIGHT - Ø20 - 5mW



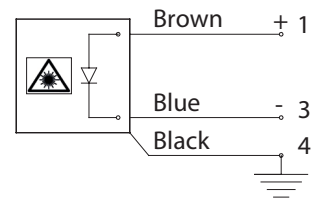
Laser pointer made of a high quality green laser diode, available with 520 nm wavelength and a power of 5mW. This laser pointer can generate a point, a line or a cross. On request different powers.

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 39

Type	LSV20-G5-520-P	LSV20-G5-520-X (**)	LSV20-G5-520-L	LSV20-G5-520-L-4°
Art. no.	SM319022	SM319023	SM319024	SM323004
Mounted lens	point	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	-	120x120 mm	-	-
Power supply	6...24 Vdc / 6...12 Vac			
Power	5 mW			
Wavelength	520 nm			
Beam divergence	0,4 mrad	-	-	-
Life time	≥ 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	3R	3R	2	2M
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 40.				