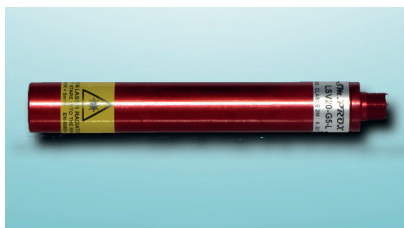


LASER POINTER LSV20 SERIES - GREEN LIGHT - Ø20 - 5mW

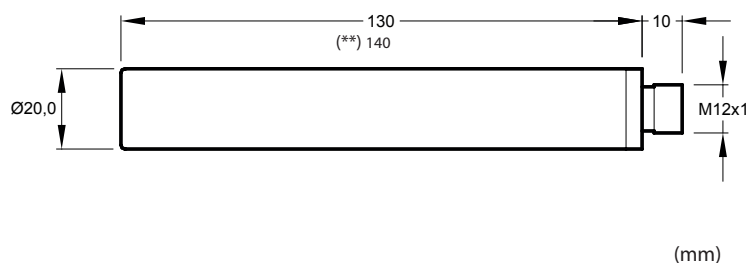
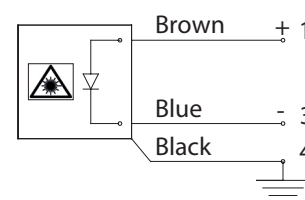


Laser pointer made of a high quality green laser diode, available with 520 nm wavelength and a power of 5mW. This laser pointer can generate a point, a line or a cross. On request different powers.

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
Art. no.	SM319022	SM319023	SM319024
Mounted lens	point	cross Plastics Diffractive Lens	line Glass Rod Lens
Line length at 1 m distance	-	-	< 1.000 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
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.			

Ed. 03/2021 - All specifications are subject to change without notice