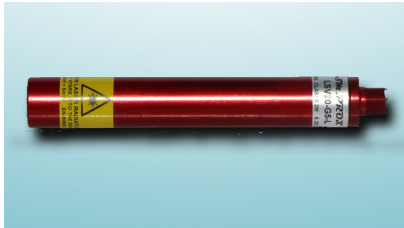


# LASER POINTER LSV20 SERIES - GREEN LIGHT - Ø20 - 10mW

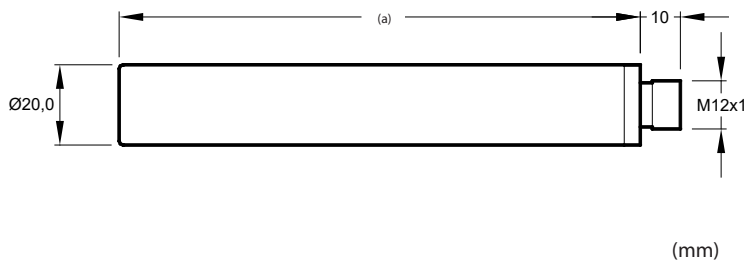
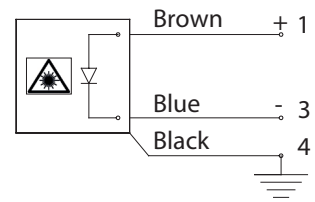


Laser pointer made of a high quality green laser diode, available with 520 nm wavelength and a power of 10mW.

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

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

Connection M12x1 connector



Type	LSV20-G10-520-P	LSV20-G10-520-X	LSV20-G10-520-X15	LSV20-G10-520-L
Art. no.	SM319011	SM320005	SM320004	SM319033
Dimension (a)	130 mm	140 mm	140 mm	130 mm
Lens	point	cross Plastic Diffractive Lens		line Glass Rod Lens 90°
Point diameter at 1 m distance	~ Ø 3,0-4,0 mm	-	-	-
Cross dimension at 1 m distance	-	~ 150x150 mm	~ 250x250 mm	-
Line length at 1 m distance	-	-	-	~ 2000 mm
Line thickness	-	-	-	~ 2 mm
Power supply	6...24 Vdc / 6...12 Vac			
Power	10 mW			
Wave length	520 nm			
Divergence of the laser beam	< 1.5 mrad	-	-	-
Life time	≥ 10.000 h (a +20°C)			
Permitted temperature	-10°...+50°C			
Focus adjustment	yes			no (focused at 1 m)
Consumption	< 50 mA			
Reverse polarity protection and overvoltage protection	yes			
Warm-Up Time	< 1 min			
Housing material	anodized aluminum			
Connection	connector M12x1 - 4 p.			
Degree of protection	IP67			
Safety class	3B	3R (*)	2M (*)	2M
(*) without ferrule 3B 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				
<b>In case of disturbances or electrostatic charges connect Pin4 to the machine ground. See SM515001 on the accessories catalogue.</b>				

Ed. 12/20 -All specifications are subject to change without notice