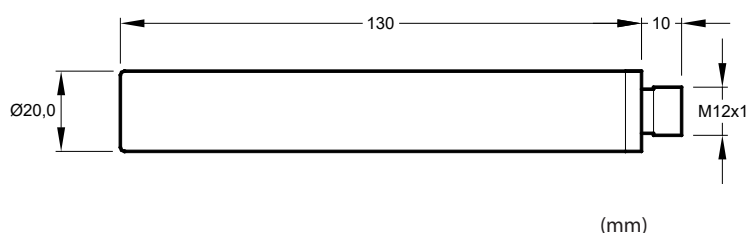


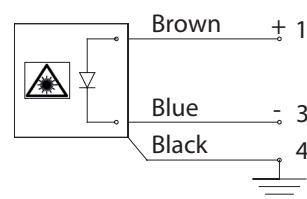
LASER POINTER LSV20 SERIES - GREEN LIGHT - Ø20 - 20mW



Laser pointer consisting of a high-quality green laser diode, available in a wavelength of 520 nm and a power of 20 mW. The diode generates a line. The anodized aluminum case and protective glass allow the pointer to operate in wet or harsh environments. The new 520 nm diode allows for a wider temperature range (-10...+50°C) and greater stability.



Connection M12x1 connector



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Type	LSV20-G20-520-L
Art. no.	SM325008
Mounted lens	line Glass Rod Lens 90°
Line length at 1 m distance	~ 3500 mm
Line thickness	~ 3 mm
Max. line length at 1 m distance	~ 6000 mm, it depends on ambient light and colour of the target
Power supply	6...24 Vdc / 6...12 Vac
Power	20 mW
Wavelength	520 nm
Beam divergence	< 1.5 mrad
Life time at 20°C	≥ 10.000 h (a +20°C)
Permitted temperature	-10°...+50°C
Focus adjustment (fixed at 1m)	no, focused at 1m
Current consumption	< 60 mA
Reverse polarity and overvoltage protections	yes
Warm-up time	< 1 min
Housing material	anodized aluminum
Connection	connector M12x1 - 4 poles
Degree of protection	IP67
Safety protection 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	
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