

# LASER POINTER LSV20 SERIES - RED LIGHT - Ø20-M18 - 15mW

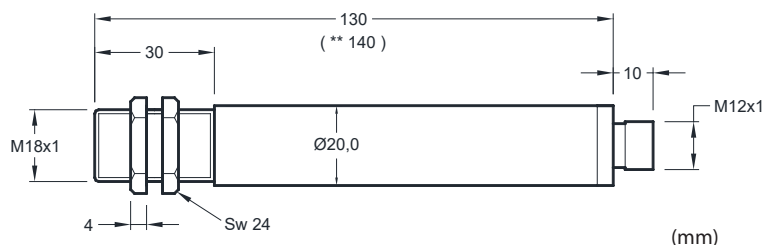
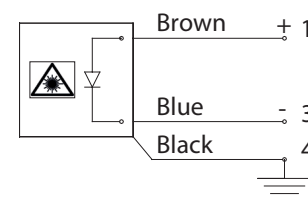


Laser pointer made of a high quality red laser diode, available with 635 nm wavelength and a power of 15mW. This laser pointer can generate a point, a line or a cross. On request different lengths of line. The partially threaded housing and the included nuts permits an easy mounting.

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

On request 12...48Vdc / 6...24Vac power supply.

Connection M12x1 connector



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Type	LSV20-R15-P-M18	LSV20-R15-X-M18 (**)	LSV20-R15-L-M18
Art. no.	SM320009	SM320010	SM320011
Mounted lens	point	cross Plastics Diffractive Lens	line with 100° lens Glass Rod Lens
Line length at 1 m distance	-	-	2.000 mm
Point diameter at 1 m distance	~ Ø 3,0 mm	-	-
Cross dimension at 1 m distance	-	150x150 mm	-
Power supply	6...24 Vdc / 6...12 Vac		
Power	15 mW		
Wavelength	635 nm		
Beam divergence	0,5 mrad	-	-
Life time at 20°C	≥ 20.000 h		
Permitted temperature	-10°...+50°C		
Focus adjustment	yes, by screwdriver	yes, by screwdriver	no
Current consumption	< 50 mA		
Reverse polarity and overvoltage protections	yes		
Housing material	anodized aluminum		
Connection	connector M12x1		
Degree of protection	IP40	IP67	IP67
Safety protection class			
(*) Without ring for cross lens, the safety protection becomes 3B			
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