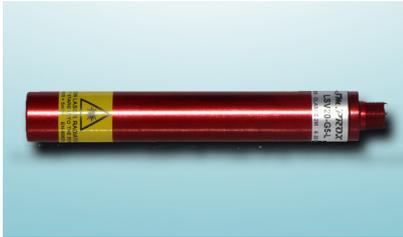
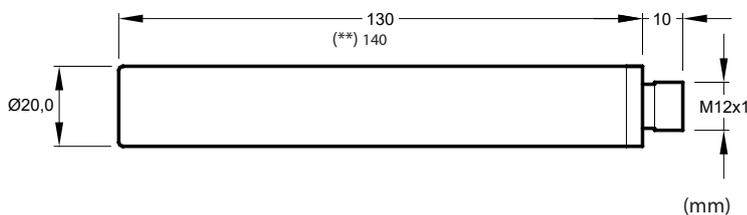


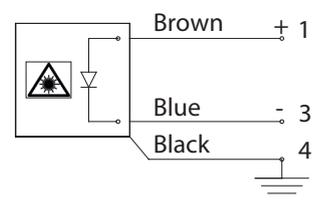
# LASER POINTER LSV20 SERIES - RED LIGHT - ø20 - 20mW



Laser pointer made of a high quality red laser diode, available with 635 nm wavelength and a power of 20mW. This laser pointer can generate a point, a line or a cross. On request different lengths of line.  
Thanks to the anodized aluminium housing and the protection glass, it is suitable for harsh applications or ambient with water.



Connection M12x1 connector



Accessories page 34

Type	LSV20-R20-P	LSV20-R20-X (**)	LSV20-R20-L
Art. no.	SM314015	SM314016	SM312002
Mounted lens	point	cross Plastics Diffractive Lens	line Glass Rod Lens
Line length at 1 m	-	-	4.000-6.000 mm
Point diameter at 1 m	Ø 5,0 mm ~	-	-
Dimension cross a 1 m	-	150x150 mm	-
Power supply	6...24 Vdc / 6...12 Vac		
Power	20 mW		
Wavelength	635 nm		
Beam divergence	0,5 mrad	-	-
Life time	≥ 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	3B	3R (*)	2M

(\*) 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 35.**

Ed. 12/19 - All specifications are subject to change without notice