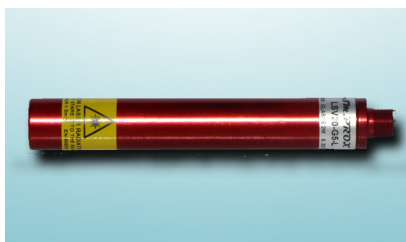


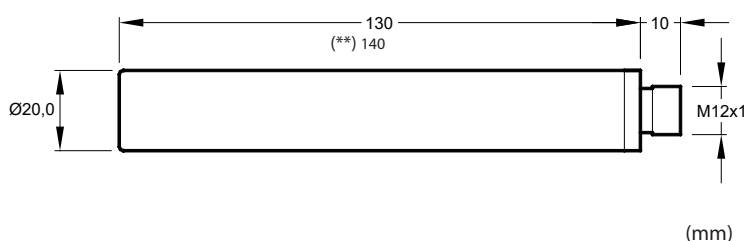
LASER POINTER LSV20 SERIES - RED LIGHT - ø20 - 5mW



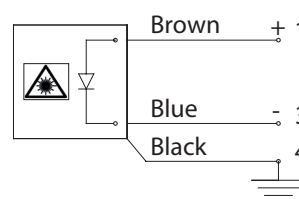
Laser pointer made of a high quality red laser diode, available with 635 nm wavelength and a power of 5mW. This laser pointer can generate a point, a line or a cross. On request different lengths of line.

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




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



Connection M12x1 connector



Accessories page 52

| Type | LSV20-R5-P | LSV20-R5-X (**) | LSV20-R5-L |
|--|---|--|---|
| Art. no. | SM313005 | SM314008 | SM314009 |
| Mounted lens | point | cross Plastics Diffractive Lens | line 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 | 5 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 3R | | | |
| 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. | | | |