

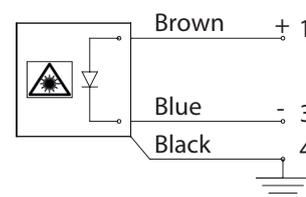
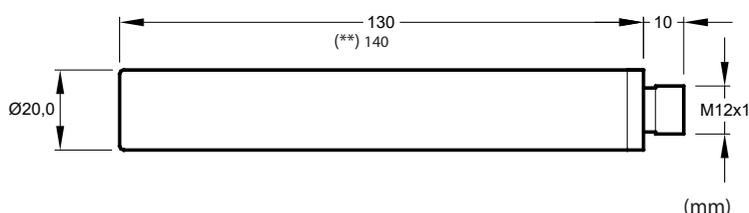
LASER POINTER LSV20 SERIES - RED LIGHT - $\varnothing 20$ - 15mW



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.

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-R15-P | LSV20-R15-X (**) | LSV20-R15-L15 | LSV20-R15-L |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|------------------------------------|-------------------------------------------------|---------------------------------------|
| Art. no. | SM314003 | SM314002 | SM312001 | SM311004 |
| Mounted lens | point | cross Plastics Diffractive Lens | line with lens 15° Plastics Diffractive Lens | line with lens 100° Glass Rod Lens |
| Line length at 1 m | - | - | 250 mm | 4.000-5.000 mm |
| Point diameter at 1 m | ~ $\varnothing 4,0$ mm | - | - | - |
| Cross dimension at 1 m | - | 150x150 mm | - | - |
| Power supply | 6...24 Vdc / 6...12 Vac | | | |
| Power | 15 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 | no |
| Current consumption | < 50 mA | | | |
| Protezione all'inv. di polarità e sovratensione | yes | | | |
| Housing material | anodized aluminum | | | |
| Connection | connector M12x1 | | | |
| Degree of protection | IP40 | IP67 | IP67 | IP67 |
| Safety protection class | 3B | 3R (*) | 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