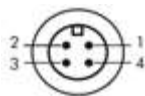


## Technical card

### LP-635P-1

Industrial hermetic focusable laser point marker.  
Laser for industrial applications



| Technical data                               |                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Safety class                                 | 2 from PN-EN 60825-1:2014                                                                                                                                                                                                                                                                        |
| Wavelength                                   | $\lambda = 635 \text{ nm} \pm 10 \text{ nm}$                                                                                                                                                                                                                                                     |
| Optical power                                | $0,9 \text{ mW} \pm 0,1 \text{ mW}$                                                                                                                                                                                                                                                              |
| Operating voltage                            | $24 \text{ VDC} \pm 1 \text{ V}$                                                                                                                                                                                                                                                                 |
| Operating current                            | $< 100 \text{ mA}$                                                                                                                                                                                                                                                                               |
| Positive terminal connected to laser housing |                                                                                                                                                                                                                                                                                                  |
| Distance of focus                            | Possibility to adjust the focus from few cm to several metres (external focus mechanism)                                                                                                                                                                                                         |
| International Protection Rating              | IP65                                                                                                                                                                                                                                                                                             |
| Housing and dimensions                       | aluminium housing, black anodized,<br>$\phi 20 \text{ mm} \times 130 \text{ mm}$                                                                                                                                                                                                                 |
| Chromed brass mounting: M18 x 1              |                                                                                                                                                                                                                                                                                                  |
| Operating temperature                        | $-20^{\circ} \text{ to } 60^{\circ} \text{C}$                                                                                                                                                                                                                                                    |
| Storage temperature                          | $-40^{\circ} \text{ to } 85^{\circ} \text{C}$                                                                                                                                                                                                                                                    |
| M12 plug, 4-pin: M12 x 1                     |  A diagram of an M12 4-pin connector. It shows a circular arrangement of four pins. The top pin is labeled '1', the right pin is labeled '4', the bottom pin is labeled '3', and the left pin is labeled '2'. |
| Electrical connection markers                | (+) 1: voltage supply, (-) 3: voltage supply                                                                                                                                                                                                                                                     |
| Warranty                                     | 2 years                                                                                                                                                                                                                                                                                          |
| Product is CE marked                         |                                                                                                                                                                                                                                                                                                  |

#### Options:

- Different optical power, wavelengths, elliptical or symmetrical dot
- Light modulation