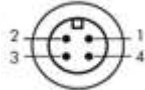


Technical card

LP-635K-6

Industrial hermetic focusable laser cross generator.
Laser for industrial applications



Technical data	
Safety class	1M from PN-EN 60825-1:2014
Wavelength	$\lambda = 635 \text{ nm} \pm 10 \text{ nm}$
Optical power	$6,0 \text{ mW} \pm 0,5 \text{ mW}$
Operating voltage	$24 \text{ VDC} \pm 1 \text{ V}$
Operating current	$< 100 \text{ mA}$
Positive terminal connected to laser housing	
Cross generating angles	$90^\circ \times 90^\circ (\pm 10^\circ)$
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, $\phi 20 \text{ mm} \times 130 \text{ mm}$
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 '2', the bottom pin is labeled '3', and the left pin is labeled '4'.
Electrical connection markers	(+) 1: voltage supply, (-) 3: voltage supply
Warranty	2 years
Product is CE marked	

Options:

- Different optical power, wavelengths, line generating angle, gaussian or uniform line optics
- Light modulation