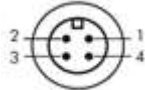


Technical card

LP-635L-80

Industrial hermetic focusable laser line generator with rectilinearity correction.
Laser for industrial applications



Technical data	
Safety class	3B from PN-EN 60825-1:2014
Wavelength	$\lambda = 635 \text{ nm} \pm 10 \text{ nm}$
Optical power	$80 \text{ mW} \pm 5 \text{ mW}$
Operating voltage	$24 \text{ VDC} \pm 1 \text{ V}$
Operating current	$< 200 \text{ mA}$
Laser diode isolated against housing	
Line generating angle	$90^\circ \pm 10^\circ$
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	
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