LASERTECH®
industrial laser pointers

Compact and powerful red light emitter for marking cutting lines and many other optical projections - Series LT1S20



M4315L4VL0

Type of projection: Line
Wavelength: 635 nm (bright red)
Max output power: 15 mW
Supply voltage: 9-36 Vdc 10-30 Vac Trigger 5-30Vdc
Protection class: IP67

TECHNICAL DETAILS

Code	M4315L4VL0
Light source	Laser diode
Type of projection	Line
Wavelength	635 nm (bright red)
Max output power	15 mW
Supply voltage	9-36 Vdc 10-30 Vac Trigger 5-30Vdc
Operating current	<80 mA
Connection	M12 connector + cm 500 cable
Casing	Green anod.alum.
Dimension	20x145 mm
Linelength	Max 6mt
Protection class	IP67
Laser class	2M
Storage temperature °C/°F	-40 +85 °C / -40 +185 °F
Operating temperature °C/°F	-10 +50 °C / 14 +122 °F
Application sector	Nautical constructions, construction, rubber, plastic, metals, textiles, ceramics, wood, marble and stone, glass, paper, leather/skins, tyres, medicine, measurements etc.
Color	Bright red
Note	For better use you have to specify the focus distance. If not specified, emitter is focused for infinity. Line lenses with spread 5°, 20°, 30°, 45°, 90° available. The line has a wide, at a distance of mm 1000 from the emission point and perpendicularly to laser beam, as it follows: 05° spread = mm 70 ; 20° spread = mm 310 ; 30° spread = mm 660 ; 45° spread = 800mm; 90° spread = mm 1800. You have to specify the spread that you wish. If not specified, emitter is shipped with a 90° spread lens. The visibility and the lenght of the line depend on the mounting of the laser and the brightness of the enviroment.Other optical projections available on request

RELATED ACCESSORIES

- Stabilized power supplier input 100-240Vdc, output 24Vdc, 1A, DIN attachment
- Reclining bracket for 20 mm diam module, black
- Inox rod diam mm 20x295, side milled, fixing holes (to be used with brackets 9SM2001N00 - 9SM5001N00)
- Horiz/vert twistable bracket for 20 mm diam module, black anod. alum., mountable on 20 mm diam rod
- Adjustable bracket for 20 mm diam module, flat, black, 12 mm diam inox rod included
- Protection for 20 mm diam module - white

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