Line laser, blue, 450 nm, 90 °, 30 mW

LD450-30-24(20x135)-M12
Order Number: 70121735

Main Parameters (*)	min	typ	max	Unit
Wavelength	445	450	455	nm
Optical Output Power	27	30	35	mW
Operating Voltage	21.6	24	26.4	V DC
Operating Current	40	100	150	mA
Operating Temperature	-10		60	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years

Technical Parameters

Lifetime	> 10,000 h
RoHS	yes

Optical Parameters

Beam Shape	Line
Laser Class	2M
Divergence	D - 0.5 mrad
Fan Angle	90 °
Line Thickness	adjustable
Operating Distance	20 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Stability	+/- 3% @ -10-50°C
Protection Lens	yes
Focus	adjustable

Electrical Parameters

Potential of Housing	isolated
ESD Protection	IEC 61000-4-2
Connector	CON-M12
Power Supply	LFNT-24-C-M12

Mechanical Parameters

Size	Ø20x135 mm
Material	Stainless Steel
Output Aperture	16 mm
Housing Color	blue
Weight	350 g

Protection Class	IP 64

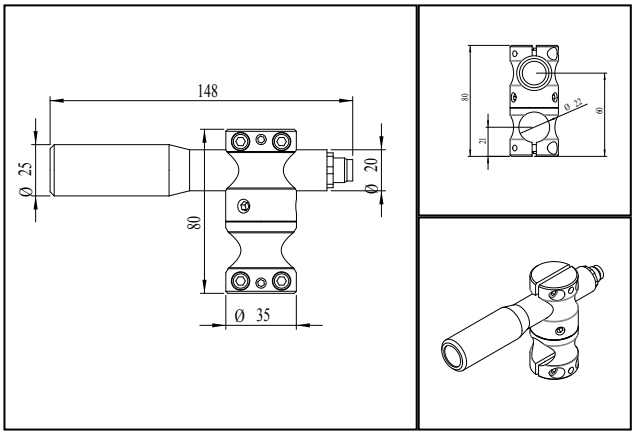
(*) Over the complete operating temperature range

Features

- Stainless steel for industrial applications
- Protection Class (IP64)
- Adjustable line thickness
- M12 industrial connector
- Protection lens

Picture

Drawing



Saftey Label

Valid Revision

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