

Doe laser, green, 520 nm, 15 mW

DOE342-520-15-24(20X135)-M12
Order Number: 70156010

Main Parameters (*)	min	typ	max	Unit
Wavelength	515	520	525	nm
Optical Output Power	13	15	20	mW
Operating Voltage	21.6	24	26.4	V DC
Operating Current	40	75	115	mA
Operating Temperature	-10		60	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 10,000 h
RoHS	yes

Optical Parameters

Beam Shape	DOE
Laser Class	2M
Divergence	D - 0.5 mrad
Operating Distance	15 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	Power Supply, Output: 24V DC, Input: 100-240V AC, 50-60Hz, Output Power: 24W max. SYS 1308-2424-W2E 2,1 x 5,5 x 11 center positive
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Mechanical Parameters

Size	Ø20x135 mm
Material	Stainless Steel
Output Aperture	16 mm
Housing Color	green
Weight	350 g
Protection Class	IP64

DOE

Alpha	52°
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(*) Over the complete operating temperature range

Features

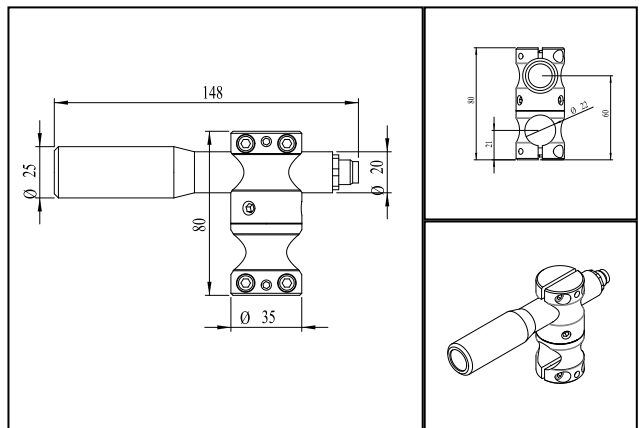


- Stainless steel for industrial applications
- Protection Class (IP64)
- Adjustable focus
- M12 industrial connector
- Protection lens

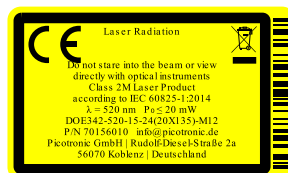
Picture



Drawing



Safety Label



Valid Revision

| 01-SEP-2023