

Line laser, infrared, 850 nm, 90°, 30 mW

LH850-30-24(20x80)-F3000-PWL-M12
Order Number: 70134940

Main Parameters (*)	min	typ	max	Unit
Wavelength	830	850	860	nm
Optical Output Power		30		mW
Operating Voltage	21.6	24	26.4	V DC
Operating Current	200	240	280	mA
Operating Temperature	-20		50	°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	3R
Divergence	H - 1.0 mrad
Fan Angle	90°
Line Thickness	<1.5mm@3m
Operating Distance	3 m
Optics	Powell Lens
Laser technology	Single Mode Diode
Protection Lens	yes
Focus	fixed (3000mm)

Electrical Parameters

Potential of Housing	isolated
Connector	CON-M12

Mechanical Parameters

Size	Ø20x80 mm
Material	aluminium
Output Aperture	5.5 mm
Housing Color	black
Weight	52 g
Protection Class	IP 64

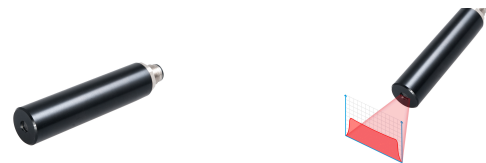
(*) Over the complete operating temperature range

Features



- Operating Voltage 24 V DC
- Isolated housing
- Laser Class 3R
- Small laser head
- Protection lens

Picture



Safety Label



Valid Revision

| 09-MAY-2022