

Dot laser, red, 635 nm, 3 mW

DDI635-3-24(16x90)-MOUNT-G
Order Number: 70115987

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		3		mW
Operating Voltage	21.6	24	26.4	V DC
Operating Current	10	20	30	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

Main Data

Warranty	1 years
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Technical Parameters

Lifetime	> 5,000 h
RoHS	yes

Optical Parameters

Beam Shape	Dot
Laser Class	3R
Divergence	D - 0.5 mrad
Beam Diameter	5 mm
Size of Laserdot	1.5mm@1.2m
Operating Distance	1.2 m
Optics	glass lens AR coated
Laser technology	diode
Focus	fixed (1200mm)

Electrical Parameters

Potential of Housing	isolated
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Mechanical Parameters

Size	Ø16x90 mm
Material	aluminium
Cable length	3,000 mm

Wire type	Ölflex 100 2x0.5mm
Output Aperture	5 mm
Weight	170 g

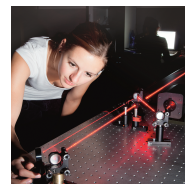
(*) Over the complete operating temperature range

Features



- Glas lenses anti reflex coated
- Isolated housing
- Laser Class 3R
- Operating Voltage 24 V DC
- Compact size

Picture



Cable color

Ground		blue	GND
Positive		brown	21.6 - 26.4, typ 24 V DC

Safety Label



Valid Revision

1 | 05-MAY-2022