

Doe laser, red, 635 nm, 1 mW

DD635-1-24-F(12x54)-CON-DOE
Order Number: 70120554

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		1		mW
Operating Voltage	23.7	24	24.3	V DC
Operating Current	15	20	30	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	DOE
Laser Class	2
Divergence	D - 0.5 mrad
Beam Diameter	5 mm
Operating Distance	50 m
Optics	glass lens AR coated
Laser technology	Single Mode Diode
Focus	adjustable

Electrical Parameters

Potential of Housing isolated
Connector CON-M12

Mechanical Parameters

Size	Ø12x54 mm
Material	aluminium
Cable length	300 mm
Wire type	18AWG, black, 3,6mm
Output Aperture	5 mm
Housing Color	black
Weight	25 g

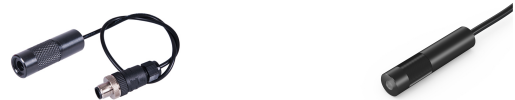
(*) Over the complete operating temperature range

Features





- Operating Voltage 24 V DC
- Adjustable focus
- DOE optic can be changed
- Compact size
- Glas lenses anti reflex coated

Picture



Cable color

Ground		black	GND
positive		white	23.7 - 24.3, typ 24 V DC

Safety Label



Valid Revision

| 14-DEC-2018