

## Punkt-linien Laser, red, 635 nm, 45°, 4 mW

PLD635-4-3(12x34)  
Order Number: 70103731

Main Parameters (*)	min	typ	max	Unit
Wavelength		635		nm
Optical Output Power		4		mW
Operating Voltage	2.7	3	3.3	V DC
Operating Current	30	60	85	mA
Operating Temperature	-20		50	°C
Storage Temperature	-40		80	°C

### Main Data

Warranty 1 years

### Technical Parameters

Lifetime > 5,000 h  
RoHS yes

### Optical Parameters

Beam Shape	Dot Line
Laser Class	3R
Divergence	H - 1.0 mrad
Fan Angle	45°
Size of Laserdot	<5mm@5m
Line Thickness	<3mm@5m
Operating Distance	5 m
Optics	glass lens AR coated
Laser technology	diode
Protection Lens	yes
Focus	fixed (5.0m)

### Electrical Parameters

Potential of Housing isolated

Power Supply with stripped/tinned wires, Output: 3.3V DC, Input: 100-240V AC, 50-60Hz, Output Power: 3.3W max.

### Mechanical Parameters

Size	Ø12x34 mm
Material	Brass
Cable length	100 mm
Wire type	26AWG, 0,14mm <sup>2</sup>
Output Aperture	6 mm
Weight	18 g

(\*) Over the complete operating temperature range

### Features



- Operating Voltage 3V DC
- Laser Class 3R
- Fan angle 45°
- Fixed focus
- Compact size

### Picture



### Cable color

Ground		black	GND
Positive		red	2.7 - 3.3, typ 3 V DC

### Safety Label



### Valid Revision

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