

## Dot laser, blue, 405 nm, 1 mW

DD405-1-3(14x45)  
Order Number: 70115505

| Main Parameters (*)   | min | typ | max | Unit |
|-----------------------|-----|-----|-----|------|
| Wavelength            |     | 405 |     | nm   |
| Optical Output Power  |     | 1   |     | mW   |
| Operating Voltage     | 2.7 | 3   | 3.3 | V DC |
| Operating Current     | 30  | 60  | 90  | mA   |
| Operating Temperature | 0   |     | 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  
Laser Class 2  
Divergence D - 0.5 mrad  
Size of Laserdot adjustable  
Operating Distance 10 m  
Optics glass lens AR coated  
Laser technology diode  
Focus adjustable

### Electrical Parameters

Potential of Housing isolated  
Power Supply LFNT-3

### Mechanical Parameters

Size Ø14x45 mm  
Material aluminium  
Cable length 100 mm  
Wire type 26AWG, 0,14mm<sup>2</sup>  
Output Aperture 5 mm  
Weight 16 g

(\*) Over the complete operating temperature range

### Features




- Blue Lasermodule
- Operating Voltage 3 V DC
- Glas lenses anti reflex coated
- Laser Class 2
- Adjustable focus

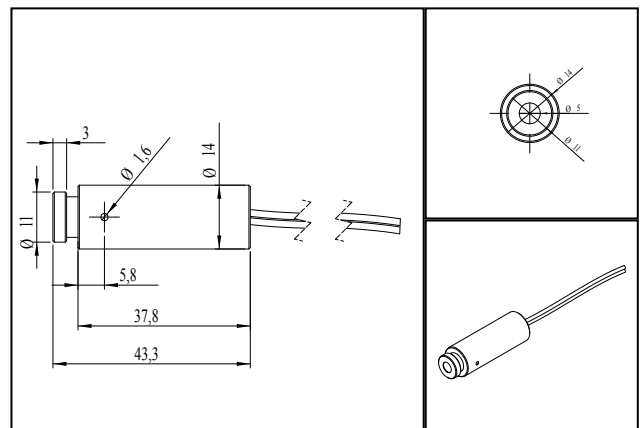
### Picture



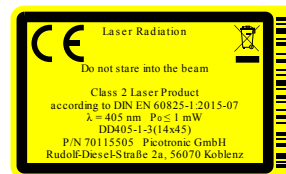
### Cable color

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

### Drawing



### Safety Label



### Valid Revision

4 | 05-MAY-2022

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