

JULA-Mini Laser module with adjustable beam



Characteristics:

- Collimated laser beam
- Laser X-Y axis adjustable with screw driver
- Permits easy adjustment after fitting of laser
- Two mounting options using either diameter $\varnothing 18g6$ or diameter $\varnothing 16.4 +0/-0.1$ tolerance fit.
- ± 20 mrad angle of adjustment travel
- 0.24 mrad adjustment per click
- Resistant industrial use housing

Short description

The laser emits a clearly visible laser beam (dot) which can be mechanically adjusted. It can be used to position or align objects. Due to the fine adjustment of the laser beam an adjustment accuracy of 0.12 mrad is possible.

The fitting of the laser to a mount is easily achieved using any one of the provided tolerance fits.

Technical data and order information

Order number	Wavelength	Optical output	Beam shape at output	Laser class EN60825-1:2007	Divergence	Beam stability 1) (-10 °C to +50 °C)	Supply voltage
	nm	mW	mm		mrad	mrad/°C	V
0177-33-92-01	635	< 1	2 x 3	2	0.5	< 0.03	+3 to 5.5
0177-34-92-01		< 3		3R			
0177-31-92-01	650	< 1		2			
0177-32-92-01		< 3		3R			
0177-35-92-01	< 840	< 0.7		1			
0177-36-92-01		< 3		3R			

Unless indicated, the data is correct at ambient room temperature and under normal use.

1) Typical value subject to wavelength

Warning: laser beams can cause damage to your eyes. The user is responsible to observe the local safety regulations.

Dimensions

Max diameter = 22 mm

Max length = 40 mm

For more details please ask for a dimension drawing

El. Connection

+ = Brown

- = White

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