

# JULA / Laser module with adjustable beam



## Characteristics:

- Collimated laser beam
- Laser X-Y axis adjustable with screw driver
- Permits easy adjustment after fitting of laser
- Three mounting options using either M20 or M18x1 thread or diameter Ø22g6 tolerance fit.
- ±20 mrad angle of adjustment travel
- 0.24 mrad adjustment per click (1 turn of the screwdriver = 50click's)
- 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 M20-thread, M18x1-thread or diameter Ø22g6 tolerance fit.

## Technical data and order information

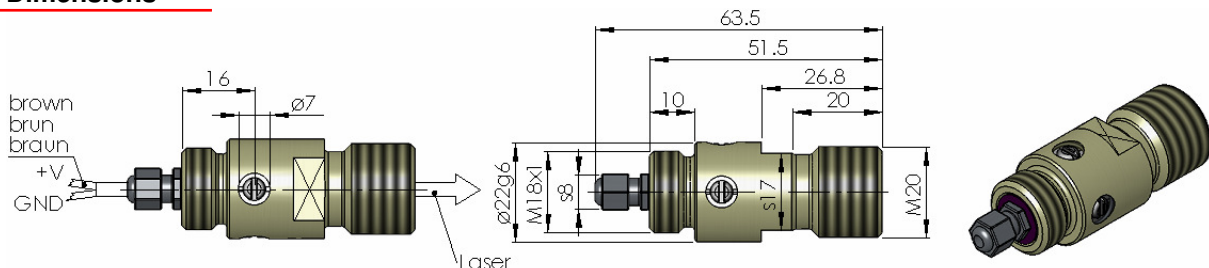
Order number	Wavelength	Optical output	Beam shape at output (Typical)	Laser class EN60825-1 +A2:2001	Divergence (Typical)	Beam stability (-10 °C to +50 °C)	Supply voltage
	nm	mW	mm		mrad	mrad/°C	V
0177-01-92-01	635	< 1	2 x 3	2	0.5	< 0.03	+3 to 5.5
0177-02-92-01		< 3		3R			
0177-05-92-01		< 1		2			
0177-06-92-01	650	< 3	3 x 5	3R	0.33 x 0.17 at 1/e <sup>2</sup> (13.5%)	< 0.03	+3 to 5.5
0177-10-92-01		< 0.7		1			
0177-11-92-01	< 840	< 3		3R			

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

1) At max. Operating Voltage

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

## Dimensions



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