

Compact laser beam stabilization

**Description**



**Applications**

- Compensation of mechanical drift
- Compensation of laser beam pointing
- Compensation of spatial deviations between a laser and its application
- Fast delivery of laser beams to changing applications
- Stable coupling of laser beams



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**stable controller**

- no user interaction required
- user-friendly interface

**compact design**

- controller electronic fits on a eurocard board
- powered by a wall-plug adapter

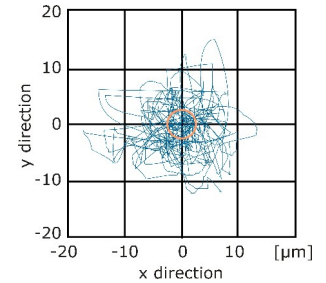
**modular concept**

- system can control different position sensors and actuators
- system can be integrated in existing setups

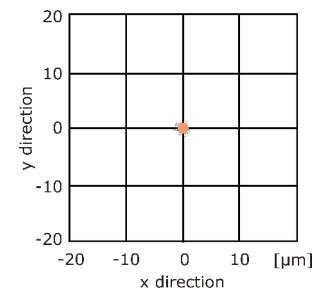
**Housing dimensions** (l x w x h)

Controller	170 x 107 x 57 mm <sup>3</sup>
Detector	40 x 20 x 49 mm <sup>3</sup>

**without stabilization**



**with stabilization**



**Specification**

Actuator type	Piezo drives
Detector type	4-quadrant-diode
Controller	direct Piezo control with internal voltage converter
Safety and control features	Power level display, low power switch-off, switch-on activity delay, status signals, interlock

