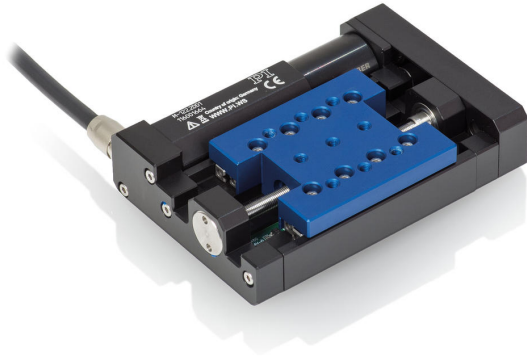


Microtranslation Stage

Compact Linear Stage with Direct Position Measuring



M-122.2DD1

- Travel range 25 mm
- Integrated linear encoder for maximum accuracy with 0.1 μm resolution
- Minimum incremental motion 0.2 μm
- Max. Velocity 20 mm/s
- Recirculating ball screw provides high velocity and long life-time

Highly accurate position measuring with incremental linear encoder

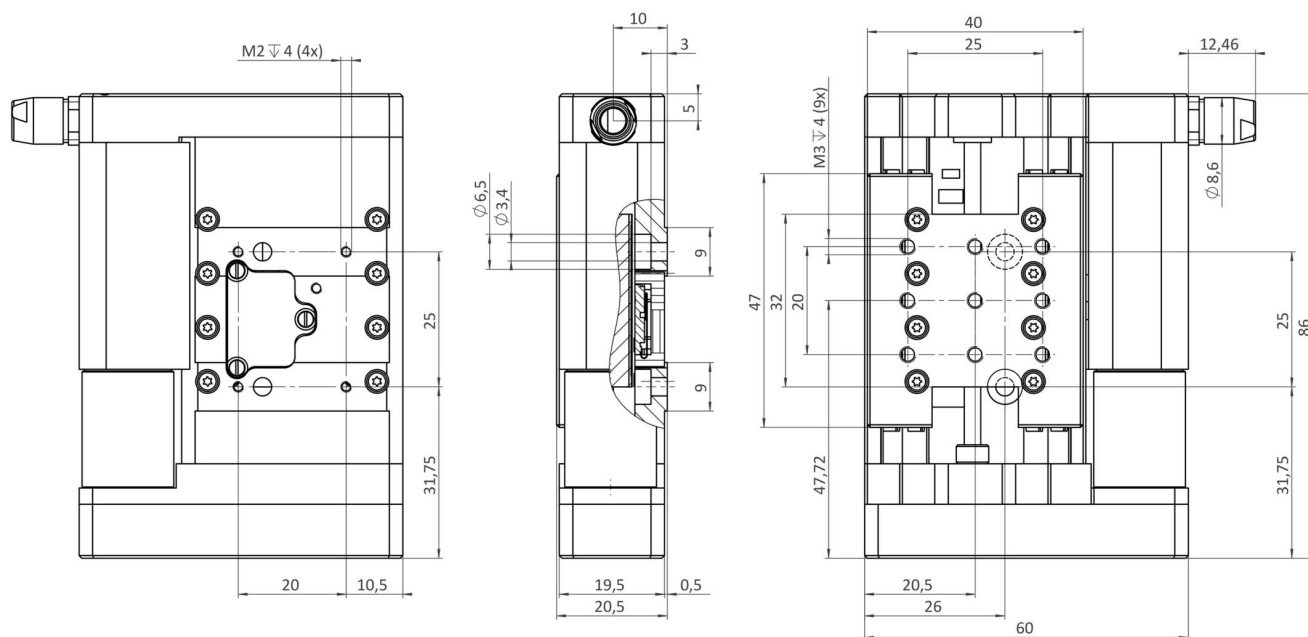
Noncontact optical linear encoders measure the position directly at the platform with the greatest accuracy. Nonlinearity, mechanical play or elastic deformation have no influence on the measurement.

Application fields

Optical alignment. Precision automation.

	Unit	M-122.2DD1
Material		Aluminum, steel
Rated voltage	V	12
Cable length	m	0.5
Overall mass	g	220
Operating temperature range	$^{\circ}\text{C}$	10 to 50

Drawings / Images



M-122.2DD1, dimensions in mm. Note that a comma is used in the drawing instead of a decimal point.

Order Information

M-122.2DD1

Microtranslation stage; DC motor; 25 mm travel range; 50 N load capacity; 20 mm/s maximum velocity; ball screw; incremental linear encoder, 100 nm sensor resolution, A/B quadrature, RS-422; 0.5 m cable length