

Piezo Focus Module for M12 Lenses



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General

M12 Lens Weight: <16g Note:

Physical & Mechanical Properties

Linear (Bi-directional) Type of Movement:

6 Travel (mm):

26x26x25	Dimensions (mm):
<5	Load Capacity (g):
±0.003	Repeatability (mrad):
1	Resolution (µrad):
<10	Speed (mm/s):

Hardware & Interface Connectivity

Piezo Ultrasonic Linear Motor	Type of Drive:
Included USB A-C Adapter	Power Supply:

Environmental & Durability Factors

0 to 50	Operating Temperature (°C):
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Regulatory Compliance

View	Certificate of Conformance:
Germany	Country of Origin:
Edmund Optics India Private Limited	Imported By:

Product Details

- Enables Wide Focus Range for [M12 Lenses](#)
- Compact 26 x 26 x 25mm Housing
- 6mm Travel in Z-Axis

Piezo Focus Module for M12 Lenses utilize Tiny Ultrasonic Linear Actuators (TULA's) for low noise, high linearity, sub-micrometer resolution, backlash free motion. Integrated between the camera and lens, the 6mm stroke enables a wide focus range for most [M12 \(S-Mount\) lenses](#). Featuring an embedded controller, power and data communication (UART or I2C) interface via 5-pin flat cable or micro USB connection (USB cable included). Piezo Focus Module for M12 Lenses are ideal for lightweight OEM systems and systems in special environments such as strong EM fields. These modules feature a standard mounting socket with a 22mm hole spacing and can be mounted to board level cameras using M1.4 x 3.5mm screws.

Note: Custom sockets may be required to integrate with board level cameras.