

Piezo Actuators With Strain Gauge Feedback

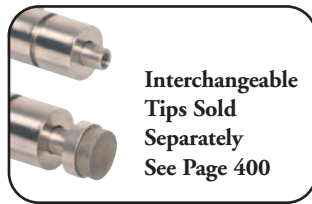
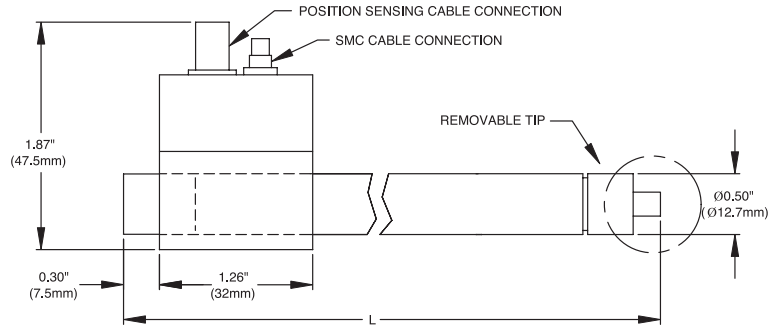


PAZ060

- 0 to 75 VDC
- Permanent Preload
- -20°C to 80°C Operation
- **Resolution:** 5nm for 20µm of Travel

The PAZ-series of piezoelectric actuators provides a wide selection of travel ranges (from 20 to 100µm) and the flexibility of replaceable tips (see page 400). All actuators provide feedback via a 7 pin LEMO connector that can be used in conjunction with our APT series piezo controllers (see page 370). Their Ø12.7mm (Ø1/2") mounting barrel provides compatibility with standard Ø12.7mm (Ø1/2") mounting bores.

Please note that the actuators and tips are sold separately.



Interchangeable Tips Sold Separately See Page 400

Recommended Drivers: BPC Series (See Page 370 for Details)

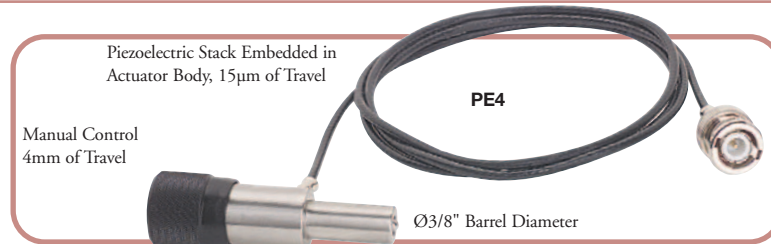
ACTUATOR TYPE	TRAVEL (µm)	LENGTH L	RESOLUTION (nm)
PAZ020	20	2.36" (60mm)	5.0
PAZ030	30	2.60" (69mm)	7.5
PAZ040	40	3.07" (78mm)	10.0
PAZ060	60	3.78" (96mm)	15.0
PAZ080	80	4.37" (114mm)	20.0
PAZ100	100	5.20" (132mm)	25.0

Piezo Actuators

ITEM#	\$	£	€	RMB	DESCRIPTION
PAZ020	\$ 812.60	£ 511.90	€ 755.70	¥ 7,760.30	Piezoelectric Actuator With Feedback, 20µm Travel
PAZ030	\$ 858.50	£ 540.90	€ 798.40	¥ 8,198.70	Piezoelectric Actuator With Feedback, 30µm Travel
PAZ040	\$ 960.50	£ 605.10	€ 893.30	¥ 9,172.80	Piezoelectric Actuator With Feedback, 40µm Travel
PAZ060	\$ 1,106.70	£ 697.20	€ 1,029.20	¥ 10,569.00	Piezoelectric Actuator With Feedback, 60µm Travel
PAZ080	\$ 1,273.30	£ 802.20	€ 1,184.20	¥ 12,160.00	Piezoelectric Actuator With Feedback, 80µm Travel
PAZ100	\$ 1,462.00	£ 921.10	€ 1,359.70	¥ 13,962.10	Piezoelectric Actuator With Feedback, 100µm Travel

Piezoelectric Actuator

The PE4 incorporates one of our piezoelectric stacks (item #AE0505D16F) and a manual 3/16"-100 threads per inch leadscrew. The manual adjuster has better than 1µm sensitivity, which complements the 15µm range of the piezo stack. When the PE4 is combined with our MDT694A driver, translation on the order of 10nm is achievable.



ITEM#	\$	£	€	RMB	DESCRIPTION
PE4	\$ 472.50	£ 297.70	€ 439.40	¥4,512.40	Piezoelectric Actuator 4mm of Coarse/15µm of Fine Travel

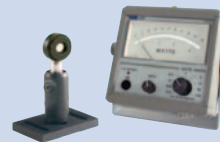
TOOLS OF THE TRADE

Expanding the Line OPTICAL POWER AND ENERGY METERS

- Large Selection of UV to IR Sensors Covering the Power Range 35nW to 30W
- Interchangeable Sensors with NIST Traceable Calibration Data



NEW PM300 Dual Channel Power Meter



SEE OUR ENTIRE POWER METER LINE ON PAGES 946-961