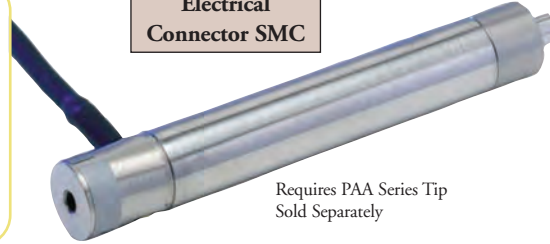


Piezoelectric Actuators without Feedback

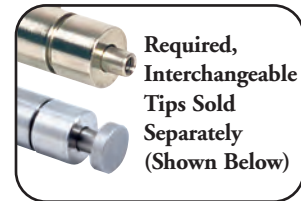
Specifications

- Permanent Preload
- **Piezo Voltage:** 0 to 75 VDC
- **Drives:** Modular Drives
- **Operating Temperature:** -20 to 80° C

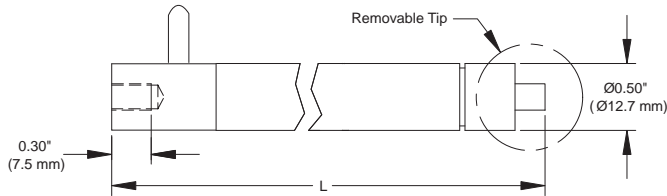
Electrical Connector SMC



Requires PAA Series Tip Sold Separately



Required, Interchangeable Tips Sold Separately (Shown Below)



The PAS Series of Piezoelectric Actuators provide a convenient mounting package with adjustment ranges of 20 mm, 40 mm, or 100 mm. The tip of the actuator is tapped to accept any of our PAA Series Actuator Tips featured below.

Please refer to our website for complete models and drawings.

ITEM#	\$	£	€	RMB	LENGTH L	TRAVEL	RESOLUTION
PAS020	\$ 382.50	£ 265.20	€ 339,60	¥ 3,229.90	1.65" (42 mm)	20.0 µm	20.0 nm
PAS040	\$ 565.00	£ 391.70	€ 501,70	¥ 4,770.90	2.36" (60 mm)	40.0 µm	40.0 nm
PAS100	\$ 825.00	£ 572.00	€ 732,50	¥ 6,966.40	4.49" (114 mm)	100.0 µm	100.0 nm

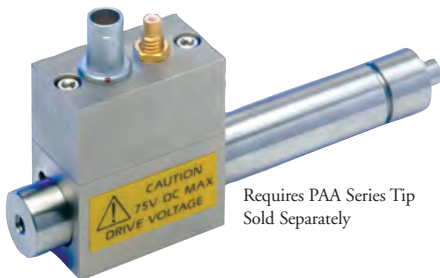


End Tips for PAS/PAZ Series

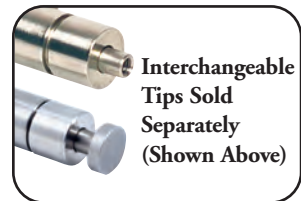
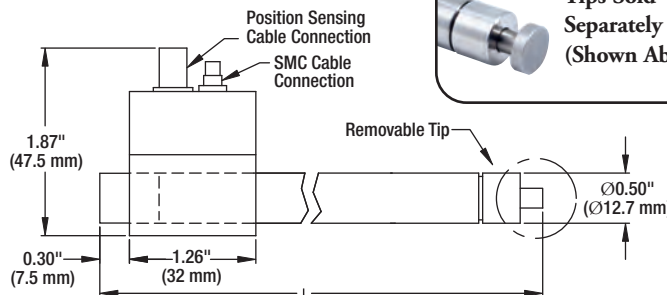
The PAA series of actuator tips have been provided to enhance the mechanical interfacing of the PAS series of piezoelectric actuators featured above and the PAZ series featured below. These tips are precision-machined and feature a hardened steel insert for long life.

ITEM#	\$	£	€	RMB	DESCRIPTION
PAA001	\$ 21.00	£ 14.60	€ 18,70	¥ 177.40	Piezo Actuator Tip, Flat End
PAA005	\$ 36.80	£ 25.60	€ 32,70	¥ 310.80	Piezo Actuator Tip, Ball End
PAA007	\$ 24.30	£ 16.90	€ 21,60	¥ 205.20	Piezo Actuator Tip, M4 x 0.7 Threading
PAA013	\$ 27.50	£ 19.10	€ 24,50	¥ 232.30	Piezo Actuator Tip, #8-32 UNC Threading

Piezo Actuators with Strain Gauge Feedback



Requires PAA Series Tip Sold Separately



Interchangeable Tips Sold Separately (Shown Above)

The PAZ series of piezoelectric actuators provides a wide selection of travel ranges (20 to 100 µm), the flexibility of replaceable tips, and feedback via a 7-pin LEMO connector that can be used in conjunction with our apt™ series of piezo controllers (see page 562). The Ø1/2" (Ø12.7 mm) mounting barrel provides compatibility with standard Ø1/2" (Ø12.7 mm) mounting bores.

Please refer to our website for complete models and drawings.

ITEM#	TRAVEL	LENGTH L	RESOLUTION
PAZ020	20 µm	2.36" (60 mm)	5.0 nm
PAZ040	40 µm	3.07" (78 mm)	10.0 nm
PAZ100	100 µm	5.20" (132 mm)	25.0 nm

Please note that the actuators and tips are sold separately.

Piezo Actuators

ITEM#	\$	£	€	RMB	DESCRIPTION
PAZ020	\$ 770.00	£ 533.80	€ 683,70	¥ 6,501.90	Piezoelectric Actuator with Feedback, 20 µm Travel
PAZ040	\$ 915.00	£ 634.30	€ 812,40	¥ 7,726.30	Piezoelectric Actuator with Feedback, 40 µm Travel
PAZ100	\$ 1,390.00	£ 963.60	€ 1,234,00	¥ 11,738.00	Piezoelectric Actuator with Feedback, 100 µm Travel