



## Motion Control

Translation Stages

Motorized Mirror Mounts

Rotation Stages

3 Axis Flexure Stages & Accessories

4, 5 & 6-Axis Stages

Drive Electronics & Auto-Alignment

Actuators & Adjusters

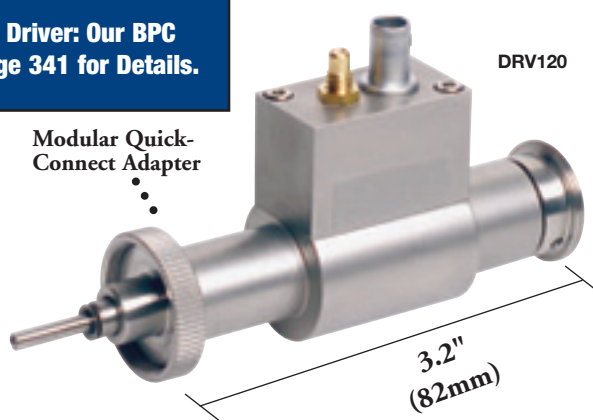
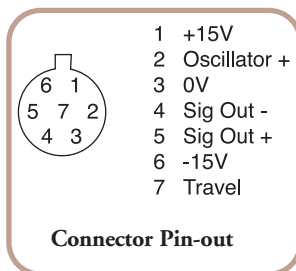
# Modular Piezoelectric Actuator with Position Feedback

### Position Feedback

The strain gauge displacement sensor directly attaches to the piezo element body and provides an analog signal proportional to its displacement.

**Recommended Driver: Our BPC Series. See Page 341 for Details.**

- 0 to 75VDC
- 20µm Travel
- 5nm Resolution
- Compatible with Quick-Connect Adapters



The DRV120 Piezoelectric Actuator provides 20µm of piezoelectric adjustment with 5nm resolution. Positional feedback is provided via a 7 pin LEMO connection (see pin-out above) that can be used in conjunction with our APT series Piezo controllers (see pages 341-342). The Ø0.375" (9.5mm) mounting barrel provides compatibility with standard Ø3/8" mounting bores.

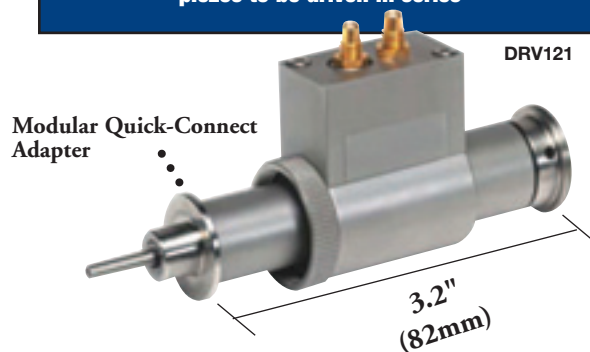
ITEM#	\$	£	€	¥	DESCRIPTION
DRV120	\$ 1,057.40	£ 622.00	€ 933.00	¥ 174,160	Piezoelectric actuator with Feedback: 20µm Travel

## Modular Piezoelectric Actuator

- 0 to 75VDC
- 20µm Travel
- 5nm Resolution
- Compatible with Quick-Connect Adapters

**Multiple Electrical Connectors allow two or more piezos to be driven in series**

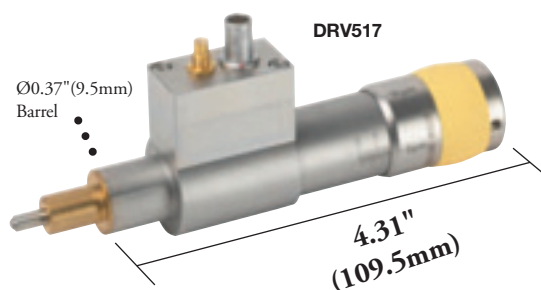
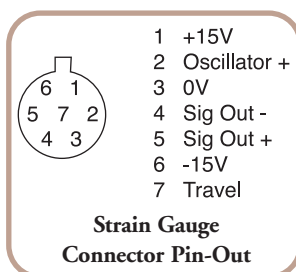
The DRV121 Piezoelectric Actuator provides 20µm of travel with a resolution of 5nm. Both ends of this adjuster offer the Modular Quick-Connect feature detailed on page 370, allowing this adjuster to be used in combination with other actuators to enhance the fine adjustment capability of the system.



ITEM#	\$	£	€	¥	DESCRIPTION
DRV121	\$ 629.00	£ 370.00	€ 555.00	¥ 103,600	Modular Piezoelectric Actuator, 20µm Travel

## Feedback Piezo Element with Differential Micrometer

- 0 to 75VDC
- 1/2" (13mm) Travel
- 30µm Piezo Travel
- 1µm Micrometer Resolution
- 10nm Piezo Resolution
- Ø0.375" (9.5mm) Mounting Barrel
- Compatible with Quick-Connect Adapters



The DRV517 Combination Actuator provides 1/2" (13mm) of differential adjustment with 1µm resolution and 30µm of piezoelectric adjustment with 10nm resolution. Positional feedback is provided via a 7-pin LEMO connection (see pin-out above) that can be used in conjunction with our APT series piezo controllers (see pages 341-342). The Ø0.375" (Ø9.5mm) mounting barrel provides compatibility with standard 3/8" mounting bores.

ITEM#	\$	£	€	¥	DESCRIPTION
DRV517	\$ 1,214.22	£ 714.25	€ 1,071.38	¥ 199,990	Combo Piezoelectric Actuator/Micrometer with Piezo Feedback