



## Model: R300

The BLX R300, stand alone, feedback modules allow for accurate position feedback, where on-off indication (mechanical switches) or 4-20mA transmitter or potentiometer is required.

Feedback units can be field mounted to pneumatic actuators in a matter of minutes with the only additional part needed being a mounting bracket to suit the actuator.

Combinations of switches and transmitters or potentiometer are available.

The positioner / switch package is completely sealed and can be fitted with a flat or raised indicator. Spring loaded potentiometer and switch cams make calibration quick and simple.

### Output Signal

4-20 mA, 2 wire

### Power Supply

10 to 30 Vdc

### Loop Impedance

max 700 ohms at 24 Vdc

### Unlinearity

<1.5%

### Hysteresis

<0.3%

### Settings

Jumper for direct (CCW) or reverse (CW) rotation

Jumper for 45 degree operation

Fine span potentiometer

Fine zero potentiometer

Test pins for easy in-loop calibration

## STAND ALONE FEEDBACK UNIT



### Temperature Range

-40 to +85 Celsius (-40 to +185 Fahrenheit)

### Temperature Effect

<0.1% / 5.5 degC ( 10degF )

### Ingress Protection

IP66 (NEMA 4X)

### Surface Finish

Powder Polyester

### Weight

0.8Kg (1.75lbs)

### Electrical Entries

2 x M20x1.5

### Options

Indicators

Pg13.5 or 1/2" NPT electrical entries

### Calibration

- 1 Set jumper for CCW or CW rotation
- 2 Set jumper for angle 25 to 60 or 60 to 120 deg rotation
- 3 Set coarse zero using gear tooth adjustment
- 4 Adjust fine zero using potentiometer
- 5 Adjust fine span using potentiometer
- 6 Repeat 4 and 5 as necessary

The D300 is part of a range of Valve control products:

V100P Pneumatic valve positioner

V100E Electro-pneumatic valve positioner

D300 Digital Valve positioner

R100 Positioner mounted feedback unit

R300 Stand alone feedback unit

Mounting kits

Gauges

