

SPECIFICATIONS

Actuator Inputs

Compatible With: Proportional pneumatic signal. See Table-1.
Start Point, Adjustable ± 1 psi (7 kPa).
Air Connections: 1/8" FNPT, located on side of housing.

Actuator Outputs

Mechanical:
Stroke, 1" (25.4 cm) nominal.

Environment

Ambient Temperature Limits:
Shipping & Storage, -40 to 220°F (-40 to 104°C).
Operating, -20 to 220°F (-29 to 104°C).
Humidity: 5 to 95% RH, non-condensing.
Location: NEMA Type 1.
Maximum Air Pressure: 30 psig (207 kPa).
Spring: Retracts actuator shaft and raises valve stem on loss of air pressure.

Table-1 Spring Ranges.

Actuator Part Number	Nominal Spring Range* (Spring Color Code)	
	psig	kPa
MK-4801	3 to 8 (Black)	21 to 55
MK-4811	5 to 10 (Black)	34 to 69
MK-4821	8 to 13 (Blue)	55 to 90

* Nominal (no load) spring ranges based on 1" (25.4 mm) maximum stroke.

ACCESSORIES

AK-42309-500 Positive positioner and linkage
 AV-420 Valve linkage

TOOLS

TOOL-95-1 Pneumatic calibration tool kit

MAINTENANCE PARTS

PNV-2 Diaphragm
 PND-145-104 Replacement spring for MK-4801 and MK-4811
 PND-145-107 Replacement spring for MK-4821