P-8000

Pressure Controller

Description

The P-8000 Pressure Controller provides proportional or two-position control in applications that require the controller to be located on a local control panel.

Refer to *P-8000 Proportional or Two-Position Pressure Controller Product Bulletin (LIT-7171240)* for important product information.

Repair Information

If the P-8000 Pressure Controller fails to operate within its specifications, replace the unit. For a replacement controller, contact the nearest Johnson Controls® representative.

Features

- includes a high volume relay capable of providing fast response with large pneumatic actuators
- equipped with flexure levers to reduce hysteresis and friction
- available with a low or high pressure element assembly
- proportional sensitivity or two-position action selected from a marked rail. The rail is marked DA (Direct Acting) and RA (Reverse Acting).
- output pressure indicated on an integral 0 to 30 psig (0 to 210 kPa) gauge
- gauge and set point dial are visible through the cover
- designed for surface mounting applications that require the controller to be located on a local control panel

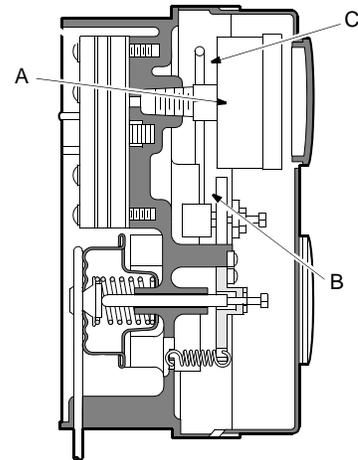**P-8000 Series Pressure Controller**

Selection Charts

P-8000 Pressure Controller

Code Number	Action	Dial (Two-sided)
P-8000-1	Proportional	-30 in. Hg to 10 psig / 0 to 25 psig
P-8000-2		0 to 124 psig / 110 to 244 psig
P-8000-6	Two-Position	-30 in. Hg to 10 psig / 0 to 25 psig
P-8000-5		0 to 124 psig / 110 to 244 psig

Accessories and Maintenance Parts for P-8000

Code Number	Callout	Description
T-8000-16	---	External Pilot Orifice Kit
G-2010-5	A	Output Gauge[1]: 0 to 30 psig (0 to 210 kPa), 1-1/2 in.
	B	Orifice and Filter Replacement Kit with Orifice, 1/8 in. O.D. Polytubing and Filter (Order in Multiples of Five):
T-8000-618		0.005 in. Red Orifice
T-8000-619		0.007 in. Aqua Orifice
F-1000-355	C	1/8 in. O.D. Polytubing (Order in Multiples of 50 ft)

1. The gauge on instruments manufactured before 1985 cannot be replaced.

P-8000 Maintenance Parts