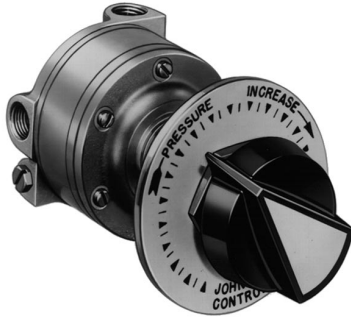


S-224

Pneumatic Gradual Switch



Description

The S-224 Pneumatic Gradual Switch provides manual selection of the pressure in air lines from a remote location. The S-224 is a proportional action relay type switch, which will maintain a selected output pressure setting until it is readjusted.

Features

- adjustable setting from 0 to 20 psig (140 kPa)
- available with 2 psig (14 kPa) span per dial revolution of 300 angular degrees, which can be set anywhere between the 0 to 20 psig

- graduated dials are available with various inscriptions to adapt the switches to a broad range of functions
- mounts flush on a control panel with a maximum thickness of 1-1/16 inch (27 mm)

Repair Parts

If the product fails to operate within its specifications, unit replacement is required.

To Order

Specify the code number from the following selection chart.

Selection Chart

Code Number	Description
Span per 300° knob rotation with range of 0 to 20 psig:	
S-224-1 ^(a)	20 psi Span
S-224-2	2 psi (Adjustable over Range)
S-224-100	Conversion Kit to Convert any S-224 to a 2 psi Span
S-224 Dials; 180° Knob Rotation – 12 psi Span:	
S-224-50	Temperature Increase (CW)
S-224-52	Temperature Increase (CCW)
S-224-51	Pressure Increase
S-224 Dials; 225° Knob Rotation – 15 psi Span:	
S-224-53	Temperature Increase (CW)
S-224-54	Pressure Increase (CW)

Code Number	Description
S-224 Dials; 300° Knob Rotation – 20 psi Span: ^(b)	
S-224-58	Temperature Increase (CW)
S-224-61	Temperature Increase (CCW)
S-224-59	Pressure Increase (CW)
S-224-60	Humidity Increase (CW)
S-224-63	Open-Closed
S-224-64	Closed-Open ^(c)
S-224-62	0 to 20 psig Range Cooler-Warmer

(a) Order Dials Separately

(b) 2 PSI per 300° Rotation

(c) Damper Position" Inscribed Across Dial