

# Pneumatic Switch

## Applications

- **Coiling Grilles**
- **Rolling Doors**
- **Sectional Doors**
- **Sliding Doors**

The PS20 pneumatic switch offers a reliable, low cost signaling alternative to an electric edge. The PS20A switch enclosure accepts an air hose connection. When the attached hose is compressed and air is forced into the diaphragm, it activates a switch. The signal is sent to the motor controls.



## FEATURES

- Built-in wire strain relief
- Compatible with doors up to 18 feet in width
- Vertical or horizontal mounting

## TECHNICAL SPECIFICATIONS

<b>PHYSICAL</b>	
Dimensions	5" L x 2" W x 2" H (nominal)
Enclosure Material	ABS
Diaphragm Material	Silicone
Enclosure Color	Black
<b>MECHANICAL</b>	
Detection Technology	Forced air
Operating Temp	-4°F to 158°F (-20°C to 70°C)
Max. Pressure	20 PSI
Max. Switch Frequency	25/second
Max. Pneumatic Load	2,000 mm

## FUNCTIONAL BENEFITS

- Easy installation
- Can be used with standard pneumatic hose and Miller Edge extrusion
- Weather resistant enclosure ensures reliability

## Model: PS20A

### PNEUMATIC KITS

Model	Kit Includes
PS20K500-12	12 Ft. Pneumatic Edge Kit: PS20A, 12 ft. RAH-500, 4 in. HH-500, P-50
PS20K500-12C	12 Ft. Pneumatic Edge Kit with Coil Cord: PS20A, 12 ft. RAH-500, 4 in. HH-500, P-50, C182-12B
PS20K500-18	18 Ft. Pneumatic Edge Kit: PS20A, 18 ft. RAH-500, 4 in. HH-500, P-50
PS20K500-18C	18 Ft. Pneumatic Edge Kit with Coil Cord: PS20A, 18 ft. RAH-500, 4 in. HH-500, P-50, C182-12B



Pneumatic Kit: PS20K500-12

### PNEUMATIC ACCESSORIES\*

- RAH-375: 3/8" ID, 1/8" wall gum rubber air hose
- RAH-500: 1/2" ID, 1/8" wall gum rubber air hose
- P-50: End plugs for 3/8" ID and 1/2" ID gum rubber air hose
- P-75: End Plugs for 3/4" ID gum rubber air hose
- MEP190: Pneumatic treadle switch

### WARRANTY

Miller Edge, Inc. will replace within one year of shipment from our factory, any PS20A subject to normal use which is found to have defective materials or workmanship, as determined solely by our factory representative. Replacements will be shipped to you freight collect. This warranty is void where evidence of misuse or abuse is present.



Pneumatic Kit: PS20K500-12C