

Pneumatic Edge Switch

PS20A



SENSING EDGE ACCESSORY

The Miller Edge pneumatic switch offers a reliable, cost-effective alternative to an electric sensing edge, ideal for extremely wet, refrigerated doors subject to condensation, and low temperature climates. The PS20A switch enclosure accepts an air hose connection. When the hose is compressed, air is forced into the diaphragm and the switch is activated. This converts the pressure wave into an electrical contact, which signals the commercial door operator to stop and/or reverse motion. Pneumatic switches are compatible with pneumatic configured sensing edges and treadles, and are non-monitored.



APPLICATIONS

- Pneumatic configured sensing edges on motorized doors
- Pneumatic configured treadles
- Signaling hoses on floors

FEATURES

- Compatible with Miller Edge Pneumatic configured sensing edges up to 18 ft.
- Built-in strain relief
- Can be used with standard pneumatic hose
- Normally open or normally closed operation
- Vertical or horizontal mounting
- Easy to install
- Non-monitored
- 2-year warranty

610-869-4422

www.milleredge.com





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GENERAL SPECIFICATIONS

PERFORMANCE

Detection Technology	Pneumatic pressure
Maximum Pressure	20 PSI
Maximum Switch Frequency	25 per second
Maximum Edge Length	18 ft.
Operating Temperature	-4°F to 158°F (-20°C to 70°C)
Mechanical Life	Minimum 1,000,000 operations

ELECTRICAL

Output	N.O. and N.C.
Maximum Contact Load	5 amps @ 250 volts AC
Electrical Configuration	2-wire, N.O. and N.C.
Terminal Configuration	0.187 in. tabs

PHYSICAL

Dimensions	2"W x 4-7/8"H x 2"D (51 x 124 x 51 mm)
Weight	3.15 oz.
Housing Material	ABS
Diaphragm	Silicone
Contact Material	Silver plated
Mounting	Screw tabs
Degree of Protection	NEMA 12

RELATED PRODUCTS*

· Pneumatic Edge Components:

- Junction Boxes
- Coil Cords

- Retracting Reels
- End Plugs
- Gum Rubber Air Hose

· Pneumatic Edge Kits:



PS20K500-12

12 ft. x 1/2 in. gum rubber hose,
4 in. hard rubber hose,
(2) end plugs, (2) wire nuts



PS20K500-12C

12 ft. x 1/2 in. gum rubber hose,
4 in. hard rubber hose, (2) end
plugs, (2) wire nuts, 12 ft. coil cord



PS20K500-18

18 ft. x 1/2 in. gum rubber hose,
4 in. hard rubber hose,
(2) end plugs, (2) wire nuts



PS20K500-18C

18 ft. x 1/2 in. gum rubber hose,
4 in. hard rubber hose, (2) end
plugs, (2) wire nuts, 12 ft. coil cord

*Contact your Miller Edge Sales Representative for a complete list of related products.



Contact Miller Edge to ensure compatibility.

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