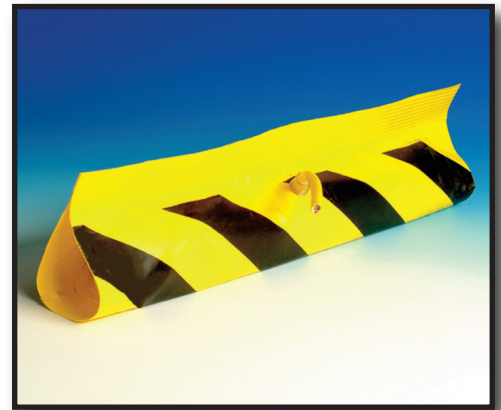


SensingEdge

Applications

- **Rolling Steel Doors**
- **Material Handling Systems**

The MT22 pressure-sensitive electric Sensing Edge is custom manufactured to your exact specifications for length, width, height, and sensitivity. When touched lightly or at an angle, the MT22 will send an immediate electrical signal to your controls to stop and/or reverse operations. It is completely flexible and will contour to curved surfaces. In addition to being a sensing device, the MT22 also acts as a weatherstrip on doors to help save energy. Contact us with your specifications and we will design the best Sensing Edge for your application.



OPTIONS

- 4-wire N.O. configuration
- Pneumatic (MTP22) or Air-Wave (MTAW22)
- Yellow/black striped outer cover material
- 4-wire Intrinsically-Safe Control Panel (FSIS-25-4)
- XR-5 chemically resistant cover for protection against:

| | |
|---------------|-----------------------|
| Kerosene | 50% Phosphoric acid |
| Diesel fuel | 50% Hydrochloric acid |
| JP-4 jet fuel | 50% Acetic acid |
| Salt water | SAE-30 Oil |

TECHNICAL SPECIFICATIONS

| | |
|-----------------------|-------------------------------------------------|
| Color: | Black, yellow, gray, y/b stripe |
| Length: | Per specification to +/- 1/4" |
| Lead Wire: | SJTO, 18 gauge, 2' length or 22 gauge universal |
| Sensitivity: | Nominal 4-7 lbf |
| Electrical Diagram: | 2-wire N.O. configuration |
| Electrical Maximum: | 24 VAC/DC, 1/2 amp |
| Mechanical Diagram: | See drawings on page 2 |
| Contact Element: | Alumaglas® |
| Materials: | Heavy duty reinforced PVC |
| Mounting Channel: | High-density PVC |
| Temperature Range: | -30°F to +155°F |
| Wire Outlet Location: | Universal, right side, left side, or end |

FUNCTIONAL BENEFITS

- Touch-sensitive signalling
- Small profile
- Easy to install
- Mounts horizontally
- ANSI/UL 325 recognized component



Model: MT22

SensingEdge

Installation

To install, remove edge from shipping container and lay out flat and straight. Close air valve. Position edge in desired location and attach with screws through mounting flange at ends and center. Continue to attach edge by securing mounting flange with screws placed 24" apart. Do not place screws below seal line. For detailed installation & wiring instructions, contact Miller Edge.

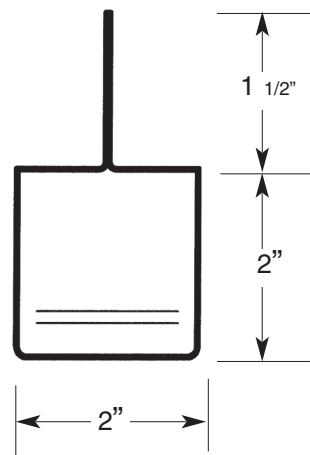
Care of the MT22

Minimal care is required for MT style Sensing Edges since they are manufactured with only the most durable materials and the highest quality control standards. However, Sensing Edges should be examined regularly for cuts or punctures, which could damage internal components. Check wiring to be sure connections are secure. When properly maintained, the MT22 offers years of trouble-free operation.

Warranty

Miller Edge, Inc. will replace within one-year of shipment from factory, any Sensing Edge 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.

Mechanical Diagrams



Contact Miller Edge to ensure compatibility with your operating controls.
U.S. Patent #5,962,825 & #8,832,996 B2 CAN. Patent #2,008,021

MT22_Spec_20160719

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