

Sensing Mat

ME146, ME140S



PRESSURE SENSITIVE DETECTION

Miller Edge ME146 and ME140S sensing mats are pressure sensitive floor mats that, when activated, signal controls and/or sound an alarm. Designed for light duty applications such as pocket door presence detection. Sensing mats are not intended to continuously detect the presence of an individual.

Sensing mats are custom manufactured to your exact specifications for size and shape. The Miller Edge sensing mat surface is pressure-sensitive throughout the entire surface of the mat, to within one half inch of the mat edge.



APPLICATIONS

- Light duty applications:
 - Perimeter signalling
 - Area signalling

FEATURES

- Two models:
 - **ME146**: Thin vinyl top/thin vinyl bottom
 - **ME140S**: Thin vinyl top/thick vinyl bottom
- Mat may be series connected to create a continuous protected area
- Custom manufactured to your exact specifications for size, shape, and outlet location
- Patented Alumaglas™ for superior performance
- 1-year warranty
- Made in USA

610-869-4422
www.milleredge.com





Sensing Mat

ME146, ME140S

GENERAL SPECIFICATIONS

Color	Black
Dimensions	Custom size and shape
Sensitivity	Minimum 8 PSI
Lead Wire	10 ft., 4-wire
Wire Outlet Location	Custom
Electrical Maximum	24 V, 1/2 amp
Electrical Configuration	N.O.
Operating Temperature	-20° to +158° F (-29° to +70° C)
Exterior Materials	Vinyl
Contact Element	Alumaglas™
Agency Approvals	CE, TÜV

OPTIONS

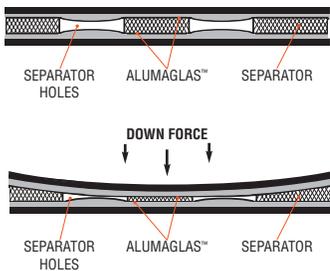
Configurations:

- Monitored
 - 4-Wire ⚡
- Non-Monitored
 - 2-Wire ⚡

Other Options:

- Connections:
 - 4-wire lead (standard)
 - 4-pin M12 micro-connector
 - Amphenol connector
- Series connect option
- Custom lead wire length (10 ft. standard)
- Custom lead wire location

ALUMAGLAS TECHNOLOGY



Miller Edge's patented Alumaglas™ and flexible switch assembly provide extremely low contact resistance for universal applications.

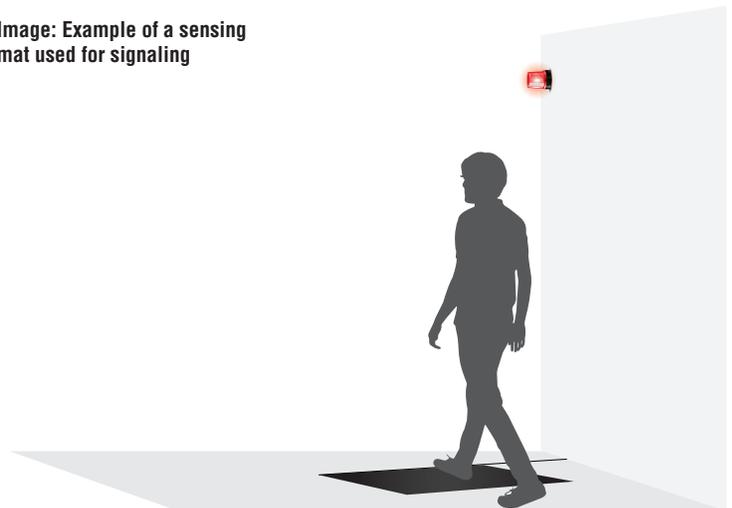
Image: Cross section of a Sensing Mat

RELATED PRODUCTS

Optional controllers are used for monitoring the mat when wiring is cut or there is a fault in the mat. A separate reset button should be located in a safe area, if desired.

- RT6-24VDC: Safety Relay Controller, 24V DC
- RT6-115VAC: Safety Relay Controller, 115V AC
- FSC-57-24VDC: Safety Relay Controller with Enclosure, 24V DC
- FSC-57-115VAC: Safety Relay Controller with Enclosure, 115V AC
- FSIS-35P-4: Intrinsically Safe Relay Controller

Image: Example of a sensing mat used for signaling



Contact Miller Edge to ensure compatibility.

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