



# ***Sensing Edges***

*and accessories for motor driven doors and gates*  
**Industrial • Commercial • Residential**



MILLER EDGE, INC. • P. O. Box 159 • West Grove, PA 19390 • (610) 869-4422 • Fax: (610) 869-4423 • 1-800-220-EDGE • [www.milleredge.com](http://www.milleredge.com)  
MILLER EDGE, INC. • 6809 South Harl Avenue • Suite A • Tempe, AZ 85238 • (480) 755-3565 • Fax: (480) 755-3558 • 1-800-887-EDGE

## ***Making Your World A Safer Place***

Miller Edge is dedicated to providing products, services and educational tools to help reduce the risk of injuries to personnel and damage to equipment. Over 125 patents stand as evidence of our innovative spirit and ability to provide our customers with reliable, technologically advanced sensing products.

Miller electrically activated Sensing Edges have been providing added protection to the door and gate industries for over 60 years. Miller Edge continues to set the industry standard for safety, performance and reliability.

Our wide variety of styles allows for easy installation on nearly any motor-driven door or gate system, including aircraft hangar doors, countertop grilles, gates and residential garage doors - Miller has the Sensing Edge to meet or exceed specifications for your application.

## ***What is a Miller Electrically Activated Sensing Edge?***

### **Fast, Reliable Signal**

Attached to the leading edge of motor-driven doors and gates, our electrically activated Sensing Edges offer the most reliable reversing feature available. Our exclusive patented construction contains two completely flexible, conductive Alumaglas® contact elements separated by perforated foam. When touch-activated, the soft foam cushion inside the Sensing Edge compresses, causing the internal contacts to meet and immediately send an electrical signal to stop or reverse the motor.

### **Weather-tight Seal**

As an added feature, the Sensing Edge provides a secure, weather-tight seal and conforms to the floor surface. The inner foam provides more insulation than typical hollow rubber loop seals. In many applications, installation is as easy as sliding out the existing seal, sliding in the Sensing Edge and wiring to the motor controls.

## ***Why use a Miller Electrically Activated Sensing Edge?***

### **Standards Compliance**

Miller electrically activated Sensing Edges provide entrapment protection for potentially dangerous motor-operated doors and gates by offering the most reliable, fast-acting signal available. We offer a variety of Sensing Edges that comply with ANSI/UL325 standards for entrapment protection when used on gates and residential garage doors.

To comply with NEC and NFPA codes, we use UL listed coil cords. Miller Sensing Edges are hermetically sealed at our factory by trained professionals and operate on 24 volts AC/DC. We offer a variety of optional components to comply with hazardous and explosion proof location requirements.

### **Quality Construction**

Miller Sensing Edges are manufactured with only the highest quality components to assure durability. The outer covers are resistant to UV light degradation, bacteria, mildew and will not deteriorate even under severe weather conditions. The flexible Alumaglas® contact elements and pure virgin foam assure contact separation even after severe impacts and an inner vapor barrier keeps moisture and condensation away from internal contact elements.

Miller Edge's attention to detail during every step of product development and manufacturing assures our customers will receive a quality product that offers years of trouble-free operation.

### **Optional Configurations**

Electrically activated Sensing Edges are available in 2 or 4 conductor N.O. electrical configurations. Safety Professionals recommend the self-monitoring 4-conductor configuration for optimum safety.

Sensing Edges are also available in pneumatic configurations with pneumatic or air wave switches.

### **Installation Options**

For a more reliable signal, Miller Edge recommends hard-wiring any Sensing device. We also offer the option of using a wireless RF transmitter/receiver. When using this wireless option, test daily and replace batteries regularly. For your convenience, we offer an optional low battery audible alarm.

## ***Why use a Miller Edge Air-Wave Sensing Edge?***

Air-Wave technology has been called the "hybrid" between pneumatic and 2-wire electric edges. They can be as reliable and sensitive as 2 wire electric edges, but cost less. They are designed to work on doors up to 60 feet wide. They have an adjustable sensitivity setting which allows you to set it to your specific application. It is designed with a silicone diaphragm which is highly sensitive and maintains its sensitivity in adverse temperature conditions. Electrical configuration is normally open (N.O.) or normally closed (N.C.).

## ***Why use a Miller Edge Pneumatic Sensing Edge?***

The pneumatic sensing edge was designed as an alternative to our electric sensing edges. They are designed to work on shorter length doors, maximum of 14 feet, 2 inches. They are equipped with a Latex diaphragm which requires a larger volume of air to activate it. There is no sensitivity adjustment available. A variety of barbed fittings are available to fit various hose sizes. It allows for simple installations and is economically priced.

## Warranty:

We will replace, within one year of shipment from our factory, all Sensing Edges except the ME123-2U which will be replaced within two years of shipment. This warranty applies to any sensing edge subject to normal use which is found to have defective materials or workmanship, as determined solely by our authorized factory representative. This warranty is void where evidence of misuse or abuse is present. Miller Edge manufactures its product to meet stringent specifications and cannot assume responsibility for those consequences arising from improper installation or misuse. Installation instructions and testing procedures provided by Miller Edge must be followed for proper operation and maintenance.

## Returns:

Please call for a Return Material Authorization Number (RMA) before returning merchandise. Miller Edge will not be responsible for any merchandise returned without an RMA number.

## Restock:

Miller Edge will restock any sensing edge for a 25% restock fee within one year of purchase, which measure more than 8 feet 2 inches in length. Exceptions include the ME120, MGO20, MGR20, and the MGS20 which measure 3 feet or less. NO special MT or MU edges or bumpers will be accepted.

## Cut-Downs:

Miller Edge will cut down any sensing edge with the exception of the MGR and MGS. Contact factory for pricing.

## SENSING EDGE SELECTION GUIDE

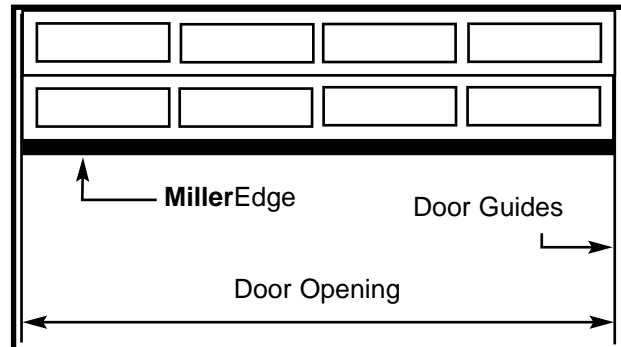
	* MT21 † ††	* MT22 † ††	* MU21 † ††	* MU22 † ††	MC22 † ††	ME110 † ††	ME111 † ††	ME112 † ††	ME113 † ††	ME120 † ††	ME123 † ††	MR130	MGO20	MGR20	MGS20	
<b>OVERHEAD DOORS</b>																
Rolling	X	X		X						X	X					
Rolling Fire	X															
Grilles	X	X			X	X	X	X	X	X	X					
Shutters						X	X									
Sectional			X	X				X	X	X	X					
Fast-Acting		X	X													
Residential												X				
<b>FOLDING/SLIDING</b>			X	X				X	X	X			X			
<b>HANGAR **</b>				X												
<b>GATES</b>																
Barrier Arms						X	X				X		X			
Cantilever										X	X		X	X	X	
Pivot										X	X		X	X	X	
Sliding										X	X		X	X	X	
Swinging													X	X	X	
Vertical Lift										X	X		X			
<b>REVOLVING DOORS</b>													X			
<b>ELEVATOR DOORS</b>	X	X	X	X						X			X			
** Specify door thickness and over travel for sizing					* Available with XR-5 chemical resistant cover (Contact factory for complete chemical resist chart)					† - Available in Pneumatic †† - Available in Air-Wave						

### How to Measure a Door Opening to Properly Order an Edge

**Step 1** - Determine the type of door you are installing. (Example: Rolling Steel, Sectional etc.)

**Step 2** - Measure the Door Opening as shown in the diagram to the right.

**Step 3** - Contact our sales office to place your order including the dimensions of the door opening.



## Specifications

Motor-driven doors and gates shall be equipped with electrically activated reversing edges which contain completely flexible Alumaglas® contact elements separated by a perforated foam cushion as manufactured by Miller Edge, Inc., West Grove, PA 19390. Reversing edges shall be activated by 5 psi (nominal) pressure along entire span of opening and provide mechanical stops.

**For 4-wire option:** Sensing Edge shall be of 4-wire electrical configuration so that a loss of continuity in the circuit will cause a closing door to open and prevent an open door from closing.

**Hangar doors:** Sensing Edge shall be of 4-wire electrical configuration so that a loss of continuity in the circuit will cause a closing door to open and prevent an open door from closing. Sensing edges shall have bright yellow covers of XR-5 chemical-resistant material to provide chemical resistance to: kerosene, diesel fuel, hydraulic fluids, JP-4 jet fuel, salt water, 50% phosphoric acid, 50% hydrochloric acid, 50% acetic acid, 50% nitric acid and SAE-30 oil.

## Recommended 4-wire configuration option

Safety experts recommend that a 4-wire configuration be specified for optimum protection. In the event of a continuity loss in the circuit, the door will revert to manual operation. The system works as follows:

Relay is energized during normal operating conditions. Relay is de-energized when:

- edge is actuated-relay is shunted
- there is a short circuit-relay is shunted
- there is a break in lead wire or contacts-current is interrupted
- there is a power loss

Miller Edge recommends the use of the RT-6 or the MFSC-100 controllers for Fail Safe conditions. Contact factory for additional information.

**Please call or e-mail your request for detailed specification sheets about any of the products listed in this catalog.**

## Non-Contact Sensing Edges

# “Patriot” *Revolutionary Non-Contact Sensing Edges*

This Revolutionary edge system provides door-to-floor, non-contact safeguarding protection.

- System includes a control box, an emitter eye, and a receiver eye which easily mounts to and travels with the leading edge of a door, thus eliminating any dead zones.
- Complete system has been designed to be **weather-resistant** and **fail-safe**.  
(NEMA 4 enclosure and 2 podded photoeyes)
- Active Range: Up to 50 feet
- Two models to choose from:
  - Z-Flap:** Designed to fit Rolling Steel and Sectional Doors
  - Telescopic:** Designed to fit Rapid Roll and Sectional Doors

By installing this revolutionary non-contact system you will virtually

**Eliminate Your Liability Risks.**

Pats. Pending

### Enclosure Specifications

Enclosure Size: 6 5/8" x 1 3/4" x 1 3/4"

Enclosure Material: Polycarbonate

Enclosure Color: Black

Enclosure Rating: NEMA 4 (IP56)

Operating Temperature: -25° F to 158° F  
-13° C to 70° C

### Design Specifications

Power Input Range: 8-28 VAC  
12-35 VDC

Relay Output: Dry Contact NO std. (NC available)  
1A@24VDC or 0.5A@115VAC

Operation Distance: 50 ft. free air

Transmitter Total Radiated Power: 86 mW

Free Operation Beam Half Angle: 5° (Nominal)

Peak Wavelength: 940 nMeter

Response Time: < 10 mSec.

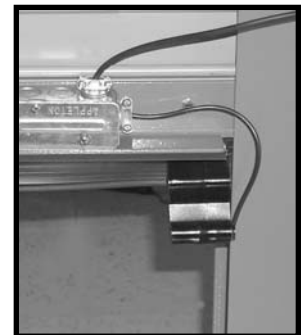
Cable Size: 24 AWG

Lead Wire Length: 30 ft. (Emitter Eye Only)

Operating Temperature Range: -25° F to 131° F  
-13° C to 55° C

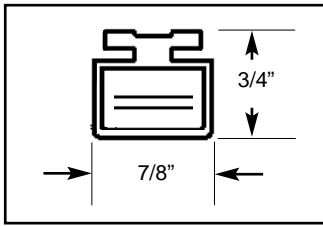


Telescopic Installation



Z-Flap Installation

# Sensing Edges



## ME110

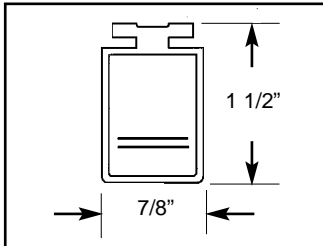


**Uses:** Gates, Grilles, Counter Shutters  
**Configuration:** 2 or 4 conductor; Air-Wave  
**Wire Outlet:** End, Left or Right  
**Color:** Black  
**Options:** Flush mount, clip-on mounting channel or double faced tape

For installation on light-weight grille and shutter applications with minimal over-travel. Use on or near gates for pinch point protection.



ME110



## ME111

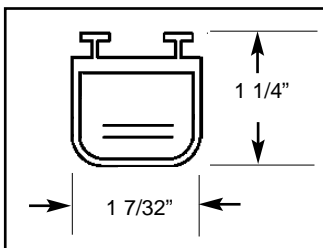


**Uses:** Barrier Gate Arms  
**Configuration:** 2 or 4 conductor; Air-Wave  
**Wire Outlet:** End, Left or Right  
**Color:** Black  
**Options:** Flush mount or clip-on mounting channel

For installation on barrier gate arms, attach the rigid PVC mounting channel and slide sensor into the channel.



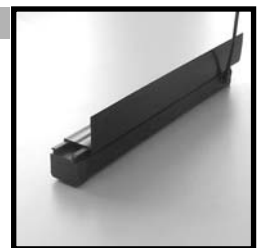
ME111



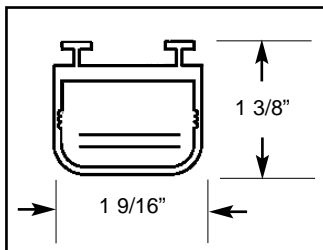
## ME112

**Uses:** Commercial Doors, Grilles  
**Configuration:** 2 or 4 conductor; Pneumatic; Air-Wave  
**Wire Outlet:** End, Left or Right  
**Color:** Black  
**Options:** Flush mount or clip-on mounting channel

The ME112 is designed for use on doors up to 1-1/4 inches thick. To install, simply slide the sensing edge into the channel and attach the channel to the bottom of the door.



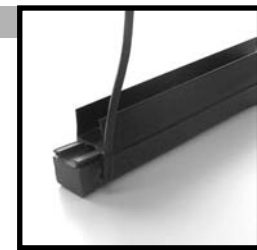
ME112



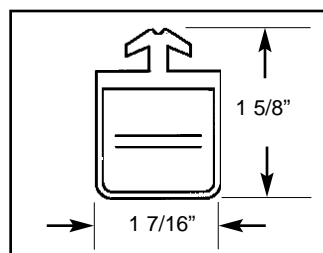
## ME113

**Uses:** Commercial Doors, Grilles  
**Configuration:** 2 or 4 conductor; Pneumatic; Air-Wave  
**Wire Outlet:** End, Left or Right  
**Color:** Black  
**Options:** Flush mount or clip-on mounting channel

The ME113 is designed for use on 1-1/4 to 1-1/2 inch thick doors and gates. To install, simply slide the sensing edge into the channel and attach the channel to the bottom of the door.



ME113



## ME120

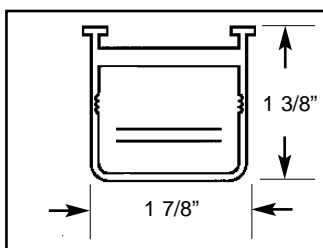


**Uses:** Gates, Commercial Doors, Grilles  
**Configuration:** 2 or 4 conductor; Pneumatic; Air-Wave  
**Wire Outlet:** End, Left or Right  
**Color:** Black, White or Caution Yellow  
**Options:** Flush mount aluminum or PVC mounting channel  
**Gates:** Leading Edge, Trailing Edge and Stationary Post pinch point protection

The ME120 is designed for use on doors and gates up to 1-1/2 inches thick. To install, simply slide the sensing edge into the channel and attach the channel to the bottom of the door.



ME120

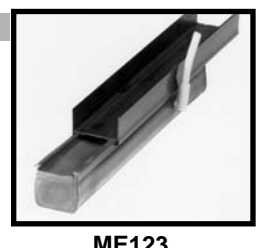


## ME123



**Uses:** Gates, Commercial Doors, Grilles  
**Configuration:** 2 or 4 conductor; Pneumatic; Air-Wave  
**Wire Outlet:** Universal, End, Left or Right  
**Color:** Black or Caution Yellow  
**Options:** Flush mount or clip on mounting channel  
**Gates:** Leading Edge, Trailing Edge and Stationary Post pinch point protection

The ME123 is designed for use on 1-1/2 to 2 inch thick doors and gates. To install, simply slide the sensing edge into the channel and attach the channel to the bottom of the door.



ME123

# Sensing Edges



**MGO20**

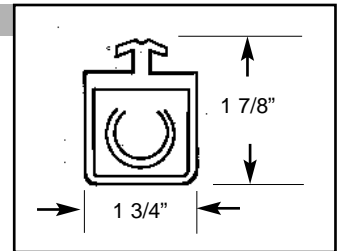
(3 Sided Activation)

**MGO20**



**Uses:** Gates, Commercial Doors, Grilles  
**Configuration:** 2 or 4 conductor  
**Wire Outlet:** End, Left or Right  
**Color:** Black, White or Caution Yellow  
**Options:** Flush mount aluminum or PVC mounting channel  
**Gates:** Leading Edge, Trailing Edge and Stationary Post pinch point protection

The ME120 is designed for use on doors and gates up to 1-1/2 inches thick. To install, simply slide the sensing edge into the channel and attach the channel to the bottom of the door. This edge cannot be bent or folded.



**MGR20**

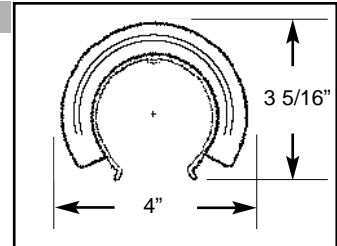
(3 Sided Activation)

**MGR20**



**Uses:** Gates, Commercial Doors  
**Configuration:** 2 or 4 conductor  
**Wire Outlet:** End, Left or Right  
**Color:** Black, White or Caution Yellow  
**Gates:** Leading Edge, Trailing Edge and Stationary Post pinch point protection

The MGR20 is designed for use on 2 inch round gates. To install, simply attach with screws through mounting tabs and into gate. This edge cannot be bent or folded.



**MGS20**

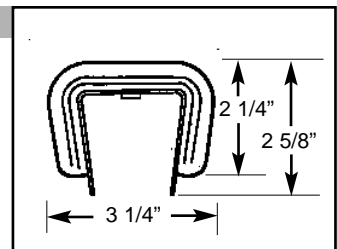
(3 Sided Activation)

**MGS20**



**Uses:** Gates, Commercial Doors  
**Configuration:** 2 or 4 conductor  
**Wire Outlet:** End, Left or Right  
**Color:** Black, White or Caution Yellow  
**Gates:** Leading Edge, Trailing Edge and Stationary Post pinch point protection

The MGS20 is designed for use on 2 inch square gates. To install, simply attach with screws through mounting tabs and into gate. This edge cannot be bent or folded.

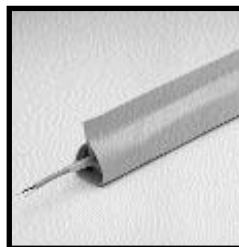
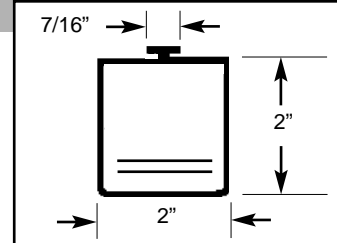


**MC22**

**MC22**

**Uses:** Grilles, Rolling Doors  
**Configuration:** 2 or 4 conductor; Pneumatic  
**Wire Outlet:** Universal, Left or Right  
**Color:** Gray, Yellow, Black  
**Option:** Blk/Ylw striped cover

For installation on rolling doors or grilles with accepting bottom bar profile, simply slide out existing weather seal and slide in MC22

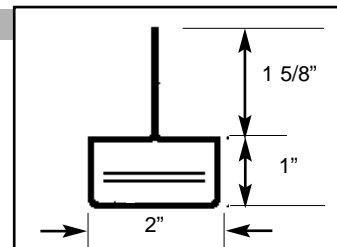


**MT21**

**MT21**

**Uses:** Rolling Fire Doors  
**Configuration:** 2 or 4 conductor; Pneumatic, Air-Wave  
**Wire Outlet:** Universal, Left or Right  
**Color:** Gray, Yellow, Black, White  
**Options:** Blk/Ylw striped cover, XR-5 cover.

The low profile MT21 is flame retardant and will not release harmful gases or fumes. This edge mounts directly to doors with accepting double L-angle bottom bars.

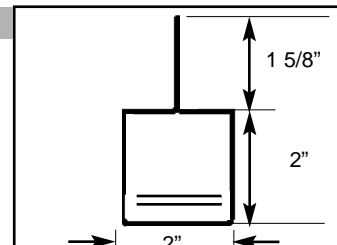


**MT22**

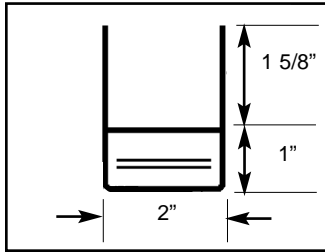
**MT22**

**Uses:** Rolling Service Doors  
**Configuration:** 2 or 4 conductor; Pneumatic, Air-Wave  
**Wire Outlet:** Universal, Left or Right  
**Color:** Gray, Yellow, Black, White  
**Options:** Blk/Ylw striped cover, XR-5 cover

The MT22 mounts directly to doors with accepting double L-angle bottom bars. No mounting channel required.



# Sensing Edges



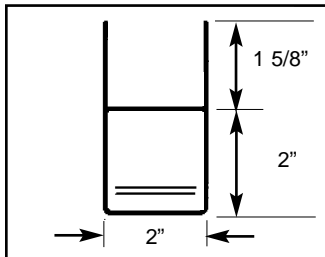
## MU21

**Uses:** Sectional Doors  
**Configuration:** 2 or 4 conductor; Pneumatic; Air-Wave  
**Wire Outlet:** Universal, Left, Right, End or Top  
**Color:** Gray, Yellow, Black, White  
**Options:** Blk/Ylw striped cover, XR-5 cover

The low profile MU21 allows for minimal over-travel. The mounting flaps wrap around the bottom of the door for direct mounting.



MU21



## MU22

**Uses:** Sectional Doors  
**Configuration:** 2 or 4 conductor; Pneumatic; Air-Wave  
**Wire Outlet:** Universal, Left, Right, End or Top  
**Color:** Gray, Yellow, Black, White  
**Options:** Blk/Ylw striped cover, XR-5 cover

Ideal for 1-3/4 to 2 inch thick doors. The flexible flaps wrap around the bottom of the door for direct mounting. Try aluminum or wood strapping to give a "finished look".



MU22



## MU BUMPERS

**Uses:** Hangar Doors, Freezer Doors  
**Configuration:** 2 or 4 conductor; Pneumatic  
**Wire Outlet:** Universal, Left, Right, End or Top  
**Color:** Gray, Yellow, Black, White  
**Options:** Blk/Ylw striped cover, XR-5 cover

Ideal for doors over 2 inches thick. Let us fully customize this Sensing Edge to meet your exact specifications for sensitivity, height, width and compensate for over-travel. The flexible flaps wrap around the bottom of the door for direct mounting. Try aluminum or wood strapping to give a "finished look".

*Dimensions are determined by your specific requirements.*



MU-Bumpers



## Dual-Flex 360™

Available in 50 and 100 feet rolls. Assemble Kits sold separately. With Dual-Flex 360, installers can choose to retro-fit an existing door by building an electric edge on site. After assembly, simply slide it into the bottom loop seal and connect to the operator. Dual-Flex feature 360° sensitivity to allow for rolling.



Dual-Flex 360™



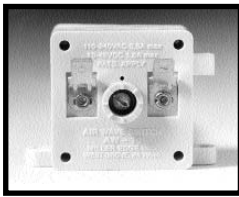
## AdvantEdge™

**Uses:** Residential garage doors  
**Configuration:** Universal to replace photo optic sensors. 4 conductor to use with photo- electric sensors.  
**Color:** Black with white cable  
 Easily retrofits for use on sectional or one-piece garage doors with any brand of automatic opener. AdvantEdge offers homeowners true door-to-floor entrapment protection.



AdvantEdge™

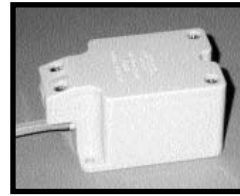
# Accessories



U.S. Patent # 6,040,536

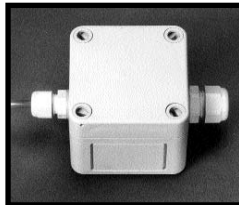
## AW10 Air Wave Switch

**Electrical Config:** 2 Wire, N.O. or N.C.  
**Diaphragm:** Silicone  
**Electrical Life:** 1 million operations minimum dependent on contact load.  
**Mech. Life:** Min. 2 million operations  
**Adjustable Sensitivity**  
**Size:** 1 1/4" H x 1 3/4" W including mounting flanges x 5/8" D



## AW14 Air Wave Switch

AW10 Switch in molded enclosure  
**Enclosure Material:** ABS  
**Tubing:** Silicone, 1 ft. x 3/32" I.D.  
**Air Connection:** Barbed Coupler 3/32" I.D.  
**Size:** 1 3/4" H x 3 1/4" W x 2" D



## AW12 Air Wave Switch

AW10 Switch in NEMA 4X enclosure.  
**Enclosure Material:** Polystyrene  
**Tubing:** Silicone, 1 ft. x 3/32" I.D.  
**Air Connection:** Barbed Coupler 3/32" I.D.  
**Size:** 2 1/4" H x 2 1/2" W x 2 1/2" D



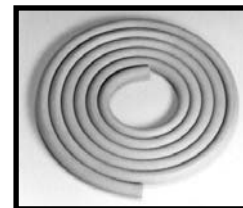
## PS20 Switch

**Sensitivity:** 1/3 oz. per sq. in.  
**Max. Pressure:** 20 PSI  
**Elect. Conf:** 3-wire SPDT  
**Elect. Rating:** 3A@125, 250 277 VAC 1/10HP @50 VAC  
**Enclosure Material:** ABS NEMA 4  
**Size:** 5" L x 2 3/4" W x 2" H



## EP128 N.O.

Explosion proof air-wave switch in an Appleton box.  
**Enclosure:** NEMA 4X  
**Elect. Conf:** 2 wire, N.O.  
**Class:** I & II  
**Group:** B,C,D,E,F



## Gum Rubber Hose

Air hose for use with PS20 or Air Wave switches.  
 3/8" I.D.  
 1/2" I.D.  
 3/4" I.D.



## Air Wave Kits

Consists of an AW-14 Air Wave Switch, barbed coupler, rubber hose, end plugs and wire nuts.  
**Applications:** Doors up to 60ft. wide  
**Adjustable Sensitivity**  
**Easy Installation**



## Pneumatic Kits

Consists of a PS20 switch, tapered connectors, rubber hose, end plug and wire nuts. Built in strain relief  
**Applications:** Doors up to 14' 2" wide  
**Easy Installation**



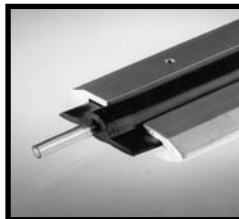
## Coil Cords

Available in 2, 3 or 4 conductor; 16, 18 or 22 AWG SJO cable in a variety of extended lengths.



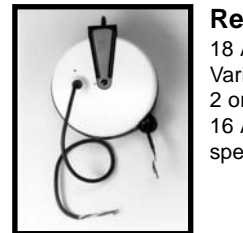
## JB02 Junction Box (Metal)

**Box:** 3 3/4" H x 1 1/2" W x 1 1/2" D  
**Box Cover:** 3 3/4" H x 1 1/2" W  
 Straight Connector  
 90° Connector  
 2 Wire Nuts  
 11 Knock outs  
*(Also available in Plastic - JB-382)*



## MEP-190 Treadle Switch

Designed for industrial and commercial environments with recommended aluminum retainer.  
**Configuration:** Air-Wave or Pneumatic  
**Profile:** 3/4" Height  
 3 3/4" Width  
 2ft. to 10ft. Lengths



## Retracting Reel

18 AWG cord in metal cases. Various extended lengths are in stock.  
 2 or 3 conductor  
 16 AWG, 4 conductor available per special order



## Loop Detector (Model "B" Series)

Non-Volatile Memory insures loop diagnostics are not lost when power is removed.  
**Configurations:** 120V or 24V  
 4 Loop frequencies - 8 levels of sensitivities  
 Dual programmable relays offer 2 selectable modes of operation per output.



## Fiber-Flex 750

Low profile, pressure sensitive sensing strip.  
**Sensitivity:** 2.0 - 4.0 LB Force per UL-325  
**Dimensions:** .750" wide x .300" thick  
**Length:** 100ft. and 250 ft.  
**Lead Wire:** Type SPT-1, 18 AWG  
**Electrical Rating:** Max. 28 Volts AC or DC, 1/2 Amp

# Universal Wireless Transmitters, Receivers and Accessories



Miller Edge offers a selection of universal single and three channel wireless transmitters and receivers.

The MWTA02 (Transmitter with Audible Alarm) and the MWT02 model transmitters are designed to provide obstacle sensing protection for a variety of motorized doors and gates, when connected to a 2-wire electric, pneumatic or air-wave edge.

**Enclosure:** Black Polycarbonate, NEMA 4

**Max. Operating Distance:** 100 Feet

**Power:** MWTA02 - 9 Volt Lithium Battery  
MWT02 - 9 Volt Alkaline Battery

The MWR02 single channel receiver and the MWR03 three channel receiver are designed to work with most gate and door operators.

**Enclosure:** Black Polycarbonate

**Max. Operating Distance:** 100 Feet

**Power:** 12 or 24 Volt AC/DC

## The "Communicator" Wireless Transmitter and Receiver

The Miller Edge Model MWCK02 gate and door edge transmitter and receiver kit, is designed to provide a fully reliable, self checking communication between the 4-wire sensing edge and the door or gate motor operator.

### Commercial Applications:

- Sectional Doors
- Rolling Steel Doors
- High Speed Doors
- Motorized Gates

#### **MWCT01 Transmitter**

**Enclosure:** Polycarbonate

**Max. Operating Distance:** 50 Ft.

**Power:** 9 Volt Lithium Battery

**Antenna:** PCB Loop

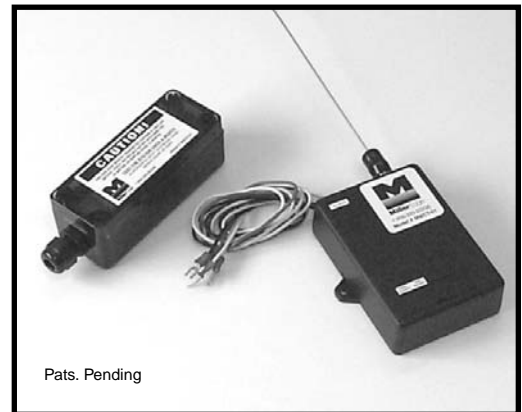
#### **MWCR01 Receiver**

**Enclosure:** Polycarbonate

**Max. Operating Distance:** 50 Ft.

**Power:** 24V AC/DC

**Antenna:** Coax rigid wire



#### **Hand-Held Transmitters**

One button single channel remote control transmitters.

9 switch control for easy code setting

**Enclosure Material:** ABS

**Power:** 9V battery or 12V battery

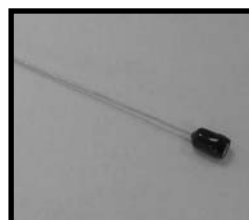
**Max. Operating Distance:** 100 ft.

Compatible with Miller Edge MWR-02 & MWR-03 Receivers



#### **TB-01 Transmitter Bracket**

Aluminum mounting bracket with pre-drilled holes and slots for easy mounting to 2" round posts.



#### **ANT-R Rigid Wire Antenna**

Rigid Wire Antenna for use on MWR02 and MWR03 receivers



#### **ANT-K Antenna Kit**

Rigid Antenna, Wire, Bracket, & 6 ft. Coax Cable for use on MWR02 and MWR03 Receivers

# Extrusions

## Custom Profile Extrusion

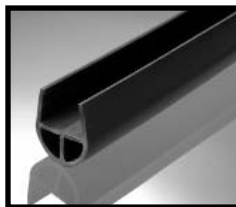
Miller Edge's Extruder Division, is made up of a team of experts that specialize in the design, development and production of custom extruded plastic products.

We offer a complete in-house design and engineering team to assist you with any custom requirements you may have.

We work hands on with our die-making, testing and production departments to assure you quality craftsmanship, competitive pricing and on time deliveries.

### Capabilities

- Complete In-House Design, Engineering and Technical Support
- Extruded Materials: **Flexible:** PVC - Hardness 50 to 90 Shore A  
Meets (ASTM E 662) Standards  
Santoprene - 35 Shore A to 50 Shore A  
**Rigid:** PVC - Hardness from 50 to 90 Shore D  
Polyethylene, Polypropylene, ABS, Santoprene, and PEGT
- Configuration Capabilities: Any geometric shape and tube design up to 5.5 inches diameter.
- Tubular profiles include round, square, rectangular, and more
- Profiles, tubing, strips and rods
- Cut to desired lengths, straight or coiled.
- Special packaging available.
- Small sample runs or large production runs.
- Secondary Operations: post-extrusion capabilities include Drilling, Punching, and Miter-Cutting.



GB-0101

### Gate Bumper

**Model GB-0101**

**Uses:** Flexible cushion for leading or trailing edge of a 2 inch gate.

**Material:** Extruded Black 65 Duro PVC

**Stock Lengths:** 4, 5, and 6 ft.

Other lengths are available upon request



LS-0101

### Loop Seal

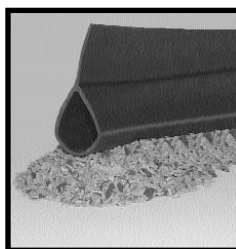
**Model: LS-0101**

**Uses:** Sectional or Rolling Steel Doors

**Material:** Black PVC

**Unit of Measure:** 200ft./Spool

**Mounting:** Easily slides into a variety of bottom retainers



BS-0101

### Bulb Seal

**Model: BS-0101**

**Uses:** Rolling Steel Doors using a double angle bottom bar.

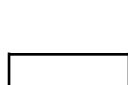
**Material:** Black PVC

**Unit of Measure:** 100ft./Spool

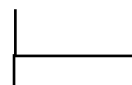
## Mounting Channels

Choose from a variety of standard mounting channels to fit your individual mounting needs.

Custom extruded channel is available upon request, contact factory.



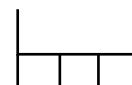
ME110-C



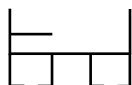
ME110-C2



ME110-C3  
w/double face tape



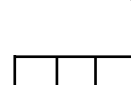
ME112-C



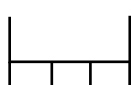
ME112-C2



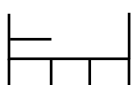
ME112-C3



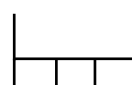
ME112-C7



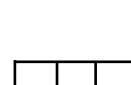
ME113-C



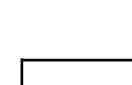
ME113-C2



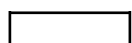
ME113-C3



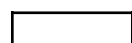
ME113-C7



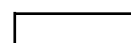
ME120-C  
Aluminum



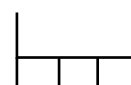
ME120-PC  
Rigid PVC



ME120-CH  
Aluminum w/  
predrilled holes



ME120-PC  
PVC w/  
predrilled holes



ME123-C



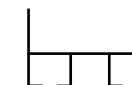
ME123-C1



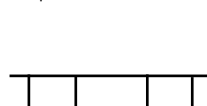
ME123-C2



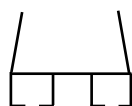
ME123-C3  
PVC



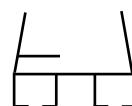
ME123-CA3  
Aluminum



ME123-C7



ME123-C0175



ME123-C2175

## Industrial Safeguarding Products

# ME151 GuardianMat<sup>®</sup>

## Heavy Duty - Impact Resistant Safe Guarding Mat

Designed to fit a variety of applications including:

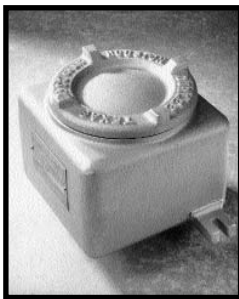
- Perimeter Guarding • Machine Guarding
- Area Guarding

For nearly 60 years MillerEdge has set the industry standards for the quality and performance of industrial automation safeguarding. Our unique manufacturing process allows us to produce custom sizes and shapes, while maintaining on-time deliveries.



- Custom Shapes • Custom Sizes
- On-Time Deliveries

## Controllers



### FSIS-25-4 Controller

Intrinsically safe controller for use with mats and sensing edges in hazardous locations.  
**Size:** 10" H x 7 1/2" W x 7" D  
**Response time:** <0.020 sec. calc.  
**Power input:** 120 VAC +10% -15%  
**Enclosure:** Explosion proof NEMA 3,4,7 & 9



### MFSC-100 Controller

*(Fail Safe Controller)*  
*Not to be used for control reliable conditions*  
**Size:** 6.62" x 1.75" x 2.38"  
**Response time:** <6 milliseconds  
**Power input:** 24VAC ± 10%  
**Reset:** Front panel button  
**Enclosure:** NEMA 4X



### RT6 Controller

Detachable Terminal Block  
 5 Input Config; single or dual channel modes hardwire selectable  
 Approved Category 4 Safety Device  
**Power:** 24VDC or 115VAC  
**Oper. Temp:** -10° C to +55° C



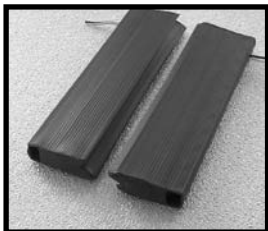
### FSC-57 Controller

Din Rail Controller mounted in a NEMA 13 Metal Enclosure  
**Size:** 4.30 x 6.30 x 6.30  
**Operating Temp:** -10° C to +55° C  
**Input Config:** 5 (single and dual channel modes hardwire selectable)  
**Approved Category 4 Safety device.**

## Mass Transit Products

Miller Edge manufactures a variety of products specifically for the mass transit industry.

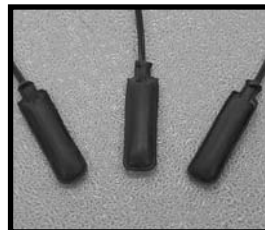
- Passenger Signaling Switches
- Custom Mats



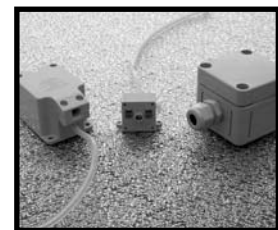
• Interlocking Door Edge Sensors



• Mini-Treadles



• Mini-Mats



• Air-Wave Switches



Headquarters: West Grove, PA



Western Sales and Manufacturing Facility: Tempe, AZ

