

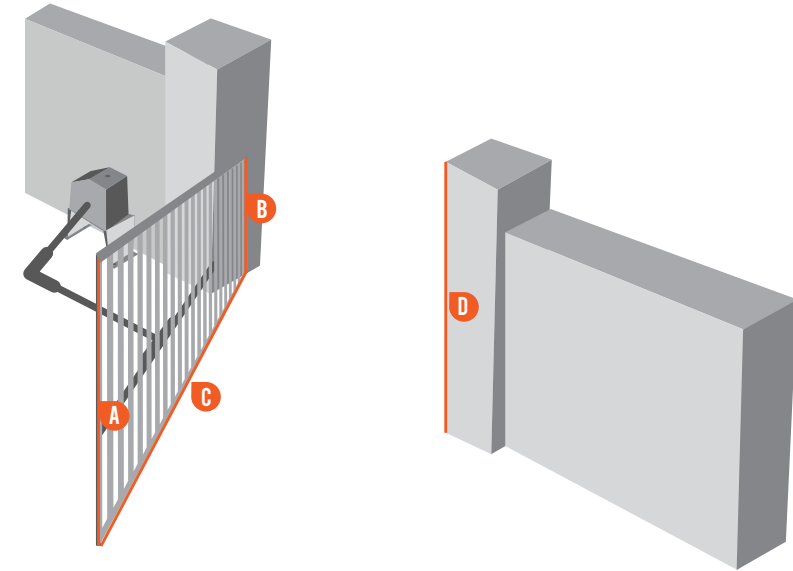
SWINGING GATE ▶

Hazard Zones:

- A. Leading edge
- B. Post/Pivot point
- C. Bottom edge
- D. Post
- E. Exterior

Suggested Products:

- A. MGR20, MGS20, MG020
- B. ME110, CPT210
- C. MGR20, MGS20, MG020
- D. ME110, CPT210
- E. Prime-Guard, Reflecti-Guard, IG2, Rebel



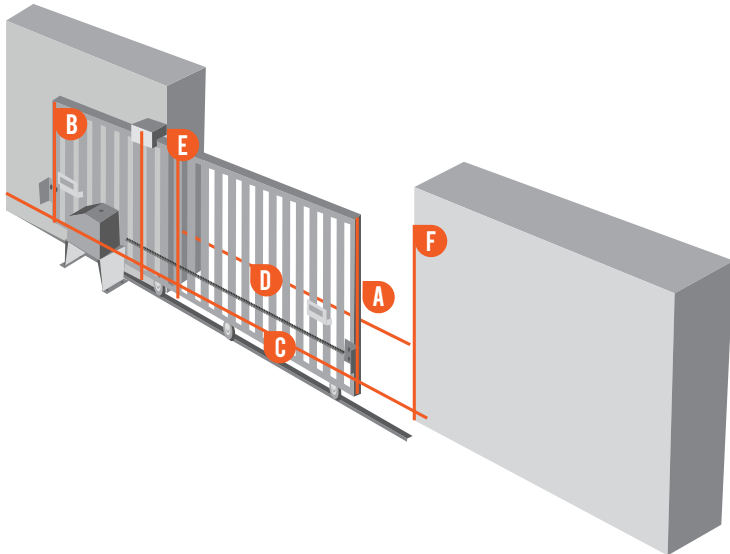
SLIDING GATE ▶

Hazard Zones:

- A. Leading edge
- B. Trailing edge
- C. Interior
- D. Exterior
- E. Center post
- F. Pocket

Suggested Products:

- A. MG020, MGR20, MGS20 ME123, ME120, CPT 210, CPT223
- B. MG020, MGR20, MGS20 ME123, ME120, CPT 210, CPT223
- C. Prime-Guard, Reflecti-Guard, IG2, Rebel
- D. Prime-Guard, Reflecti-Guard, IG2, Rebel
- E. ME110, CPT210
- F. ME110, CPT210



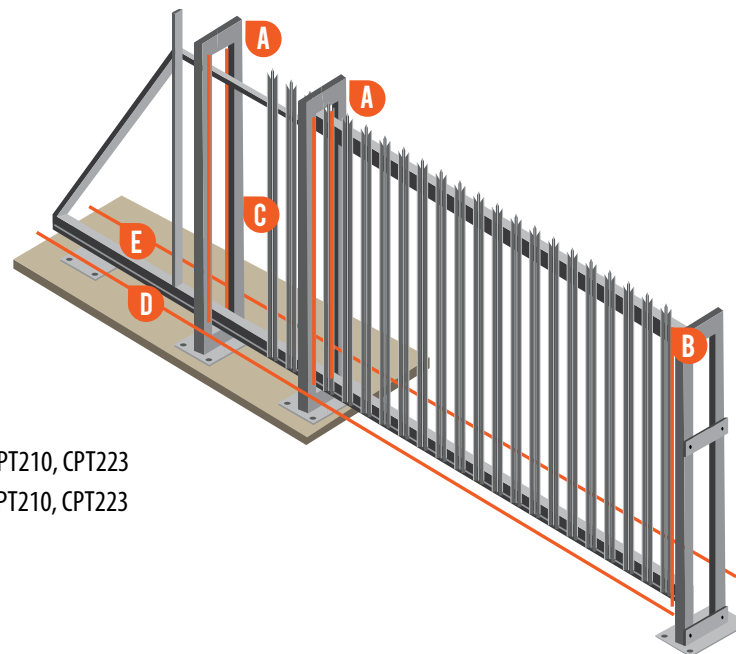
CANTILEVER GATE ▶

Hazard Zones:

- A. Guide posts
- B. Leading edge
- C. Trailing edge
- D. Interior
- E. Exterior

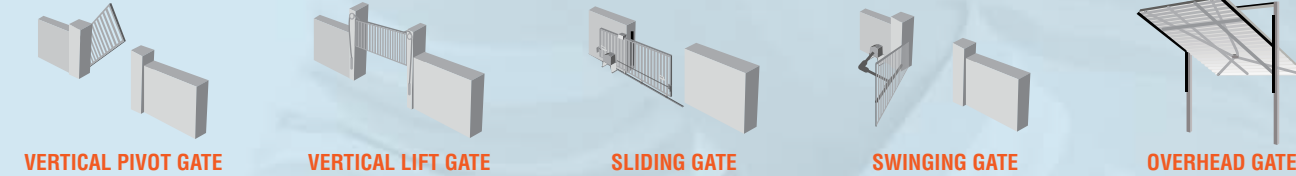
Suggested Products:

- A. ME110, CPT210
- B. ME120, MG020, MGR20, MGS20, ME123, CPT210, CPT223
- C. ME120, MG020, MGR20, MGS20, ME123, CPT210, CPT223
- D. Prime-Guard, Reflecti-Guard, IG2, Rebel
- E. Prime-Guard, Reflecti-Guard, IG2, Rebel



2016 UL 325 ENTRAPMENT PROTECTION

IDENTIFY ENTRAPMENT AREAS



It is the contractor's responsibility to determine the number of potential areas where the risk of entrapment may exist. A minimum of two independent means of monitored protection must be present at all motorized gate entrapment points. The same device cannot be used for both means.

MONITOR PROTECTION DEVICES



Most UL listed gate operators manufactured after January 12, 2016 incorporate a monitored inherent (built-in) device along with an additional input for a monitored external device. These external sensors are monitored for presence and function at least once during each operation cycle.

PROTECT UNIVERSAL SAFETY



As the pioneer of gate safety, Miller Edge's gate collection includes photo eyes and gate edges, which are available in multiple monitored electrical configurations. In addition, monitored accessories offer compatibility with nearly any operator brand to suit your safeguarding needs.

MillerEdge®

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GATE SAFETY



AT WORK OR AT HOME
MAKING YOUR WORLD
A SAFER PLACE



HAZARDOUS ZONE CONSIDERATIONS BY GATE TYPE:

Illustrations show common hazardous zones and are not intended to be comprehensive. Each installation is unique. Please consider all potential safety hazards and incorporate appropriate guarding into your overall gate design.

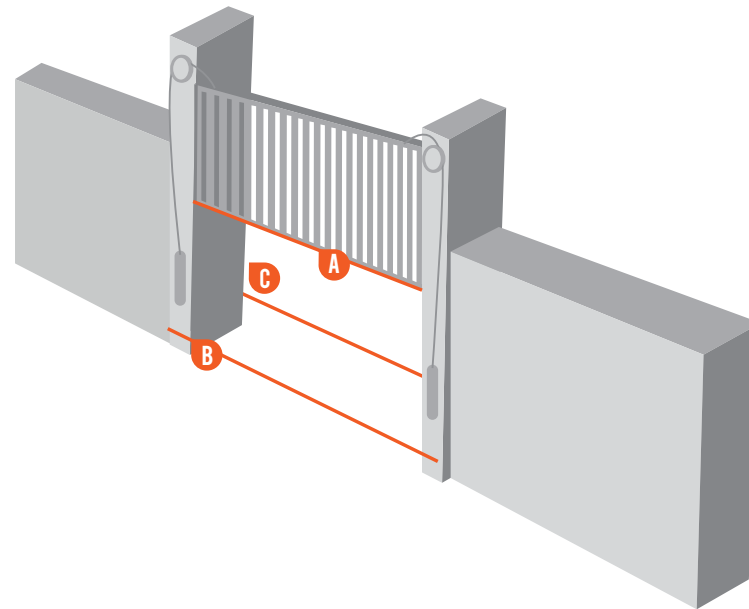
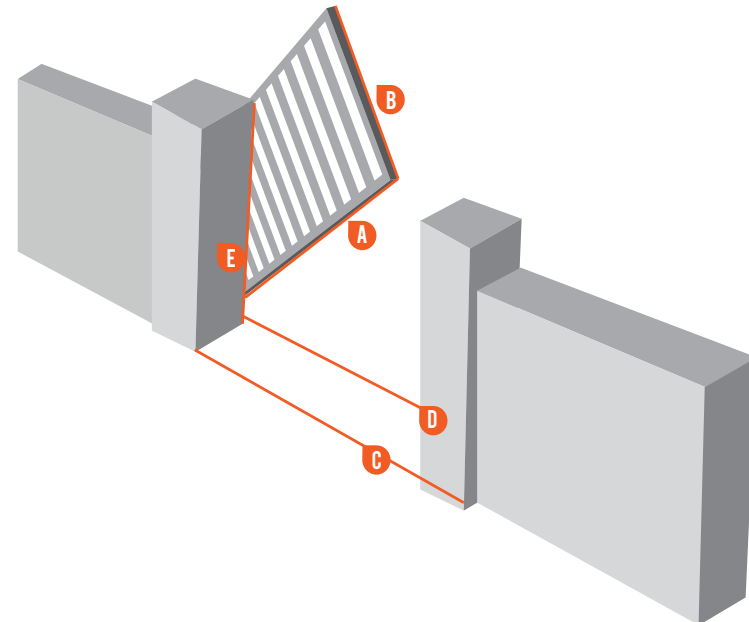
VERTICAL LIFT GATE ▶

Hazard Zones:

- A. Leading edge/Bottom of gate
- B. Exterior
- C. Interior

Suggested Products:

- A. MG020, MGS20, ME123, ME120, CPT223
- B. Prime-Guard, Reflecti-Guard, IG2, Rebel
- C. Prime-Guard, Reflecti-Guard, IG2, Rebel



VERTICAL PIVOT GATE

Hazard Zones:

- A. Bottom edge of gate
- B. Side of gate
- C. Interior
- D. Exterior
- E. Pocket

Suggested Products:

- A. MG020, MGS20, ME123, ME120, CPT 210, CPT223
- B. MG020, MGS20, ME123, ME120, CPT 210, CPT223
- C. Prime-Guard, Reflecti-Guard, IG2, Rebel
- D. Prime-Guard, Reflecti-Guard, IG2, Rebel
- E. ME110, CPT210

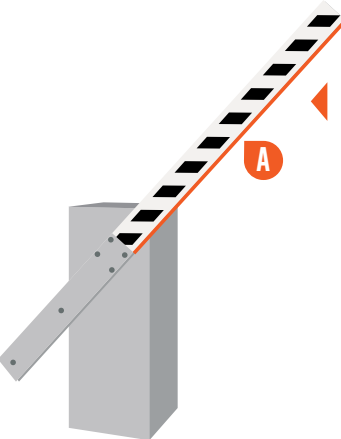
BARRIER ARM GATE

Hazard Zones:

- A. Boom

Suggested Products:

- A. ME110, ME111, CPT210



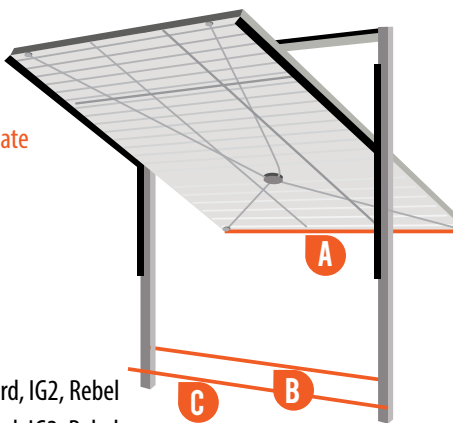
OVERHEAD GATE ▶

Hazard Zones:

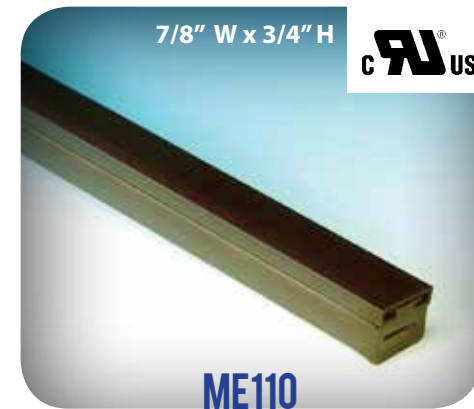
- A. Leading edge/Bottom of gate
- B. Exterior
- C. Interior

Suggested Products:

- A. MG020, MGS20, ME120, CPT223
- B. Prime-Guard, Reflecti-Guard, IG2, Rebel
- C. Prime-Guard, Reflecti-Guard, IG2, Rebel



SENSING EDGES



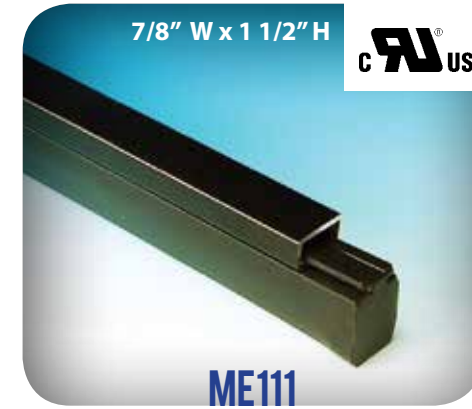
Uses: Grilles, Pivot, Barrier Arm, Swing, Slide, Cantilever

Configuration:   

Wire Outlet: End, left, or right

Color:  

Mounting: Flush mount, clip-on mounting channel, or double faced tape



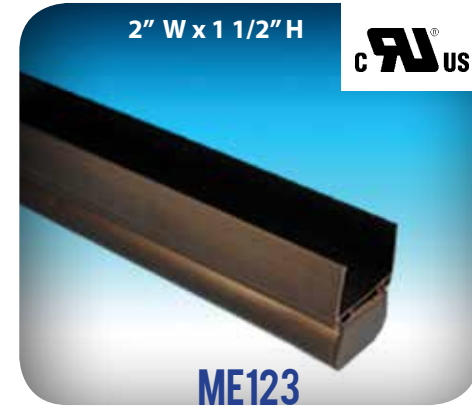
Uses: Barrier Arm

Configuration:   

Wire Outlet: End, left, or right

Color:  

Mounting: Flush mount, clip-on mounting channel, or double faced tape



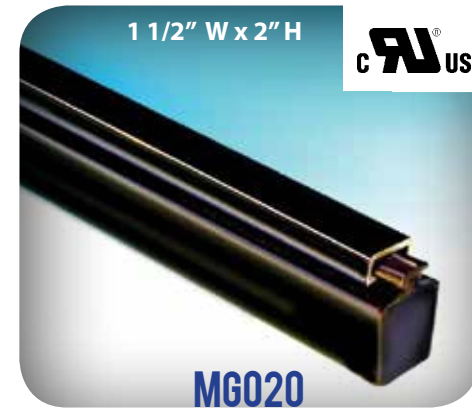
Uses: Vertical Lift, Pivot, Slide, Cantilever, Grilles

Configuration:    

Wire Outlet: Universal, end, left, or right

Color:   

Mounting: Flush mount, clip-on, PVC, or aluminum mounting channel



Uses: Vertical, Pivot, Overhead, Swing, Slide, Cantilever, Grilles with 3-Sided Activation

Configuration:  

Wire Outlet: End, left, or right

Color:   

Mounting: Flush mount PVC or aluminum mounting channel



Uses: Barrier Arm, Pivot, Slide, Cantilever

Configuration:  

Wire Outlet: Universal

Color: 

Mounting: PVC flush-mount or clip-on mounting



Uses: Vertical Lift, Pivot, Overhead, Swing, Slide

Configuration:  

Wire Outlet: Universal

Color: 

Mounting: Flush mount, clip-on, PVC, or aluminum mounting channel

PHOTO OPTICS



Options include: wired or wireless emitter, pulsed or relay signals for compatibility with nearly all gate operator brands. Single beam.

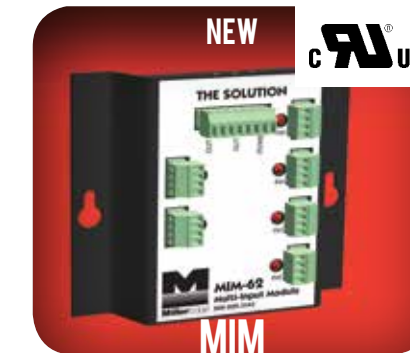
Configuration: 



Options include pulsed or relay signals for compatibility with nearly all gate operator brands. Single beam.

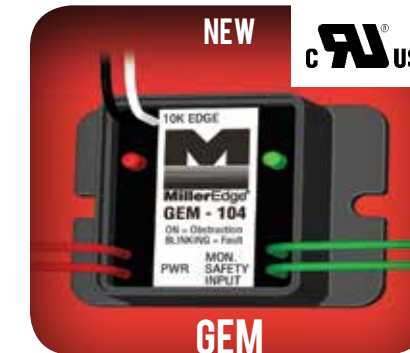
Configuration: 

ACCESSORIES



"The Solution" Multi-Input Module extends the operator's ability to accept up to 6 different monitored devices and simplifies the connection of those devices. Provide 2 outputs for compatibility with nearly all gate operator brands.

Configuration: 



Gate Edge Module accommodates varied interface options and monitors all hard-wired edges that require an input other than 10K resistive.

Configuration: 



Monitored Gate Edge transmitter and receiver detects the presence and function of up to two monitored gate edge sensors. The transmitter operates with standard size AA lithium batteries.

Configuration: 



Includes single channel receiver (MWR12) and transmitter (MWT12). The receiver operates on either 12 or 24 volt AC/DC and provides N.O. or N.C. output.



Includes MWR12 receiver and MWTA12 transmitter with audible low battery alarm. Alarms sounds for 5-10 seconds at 1-2 minute intervals.



Receives signals from up to 3 different input devices. Compatible with MWT12 or MWTA12 transmitter.

CONFIGURATIONS

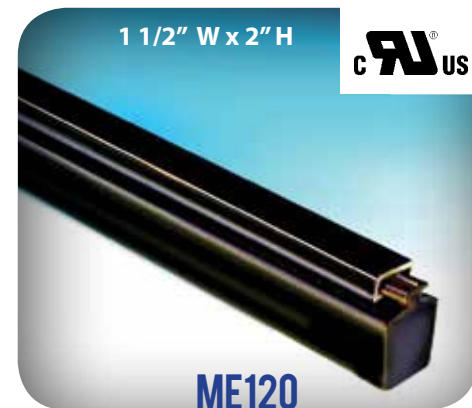
 **MONITORED**
Photo optics and edges can be configured to be monitored by gate operator controls. UL Listed gate operators manufactured after January 12, 2016 require monitored devices for guarding entrapment areas.

 **ELECTRIC**
An electric edge contains two conductive strips. When the sensor is compressed, the conductive elements come into contact, which sends an electric signal to the motor.

 **AIR-WAVE**
An air-wave edge allows for customizing sensitivity and are useful when a non-electric edge is preferred. It contains a flexible hose that is connected to an air switch. When the hose is compressed, air is pushed into the switch, which then sends a signal to the motor.

 **PNEUMATIC**
A pneumatic edge offers a reliable, low-cost alternative to the standard electric edge. It contains a flexible hose that is connected to a pneumatic switch. When the hose is compressed, air is pushed into the switch, which then sends a signal to the motor.

 **CUSTOM COLOR**
The Custom Colored Edge option is available on all of our gate edge sensors. You have your choice of 10 standard colors and 4 primary color finishes.



Uses: Vertical, Pivot, Overhead, Swing, Slide, Cantilever, Grilles

Configuration:    

Wire Outlet: End, left, or right

Color:   

Mounting: Flush mount PVC or aluminum mounting channel



Uses: Swing, Slide, Cantilever with 3-Sided Activation

Configuration:  

Wire Outlet: Universal, left, or right

Color:   

Mounting: Mounting tab screws



Uses: Swing, Slide, Pivot, Cantilever with 3-Sided Activation

Configuration:  

Wire Outlet: Universal, left, or right

Color:   

Mounting: Mounting tab screws

MOUNTING CHANNELS

