

# SensingEdge

## Applications

- **Motorized Doors**
- **Lifts**
- **Conveyors**
- **Pinch Points**
- **Machine Guarding**
- **Elevator Doors**
- **Rolling Shutters**
- **Slide Gates**
- **Swing Gates**

The ME120 profile is ideal for a wide variety of applications, from motorized doors and gates to industrial safeguarding on manufacturing equipment. Applications include: along conveyor systems to detect operator reach in, below lifts to protect from pinch points, and on a wide variety of plant equipment where touch-sensitive detection is desired.



## OPTIONS

- Color: Black or Yellow
- Configurations:
  - 2-Wire 10K resistive monitored
  - 2-Wire non-monitored
  - 4-Wire monitored
  - Pneumatic (MEP120) or air-wave (MAW120)
- Coil cord attached
- Soft end plugs for specific non-door/gate applications
- Mounting channels

## TECHNICAL SPECIFICATIONS

Color:	Black or Yellow
Length:	Per specification to +/- 1/4"
Lead Wire:	SJTO, 18 gauge, 2' length
Sensitivity:	Nominal 8-13 lbf
Electrical Maximum:	24 volts AC/DC, 1/2 amp
Contact Element:	Alumaglas®
Materials:	Flexible PVC
Mounting Channel:	Rigid PVC or aluminum
Temperature Range:	-30°F to +155°F
Wire Outlet Location:	Right, left, or end

## FUNCTIONAL BENEFITS

- Touch-sensitive signalling
- Easy to install
- Mounts vertically or horizontally
- UL 325 Recognized Component



Designed for gates



Designed for doors



Model: ME120

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## INSTALLATION

Place mounting channel in desired location. Drill 1/8" holes through channel into mounting surface every 24". Attach channel to mounting surface. Slide the sensing edge into mounting channel. If mounting in vertical position, use a screw at the bottom of the channel as a mechanical stop to prevent the sensing edge from slipping out of position. For detailed instructions, contact Miller Edge.

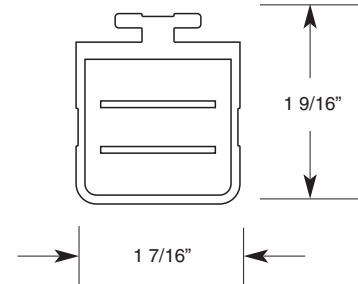
## CARE & MAINTENANCE

Minimal care is required for ME120 since they are manufactured with 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, both the MGR20 and the MGS20 offer years of trouble-free operation.

## WARRANTY

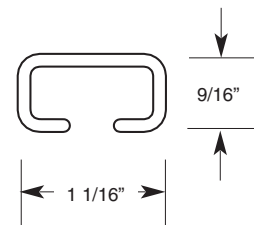
Miller Edge, Inc. will replace within one year of shipment from factory, any sensing edge subject to normal use which is found to have defective materials or workmanship, as determined solely by our factory representative. Replacements will be shipped to you freight collect. This warranty is void where evidence of misuse or abuse is present.

## MECHANICAL DIAGRAMS

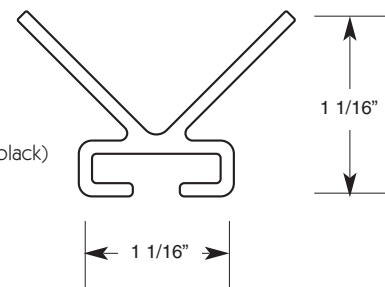


## MOUNTING CHANNELS

ME120-C Aluminum (black)  
ME120-PC Rigid PVC

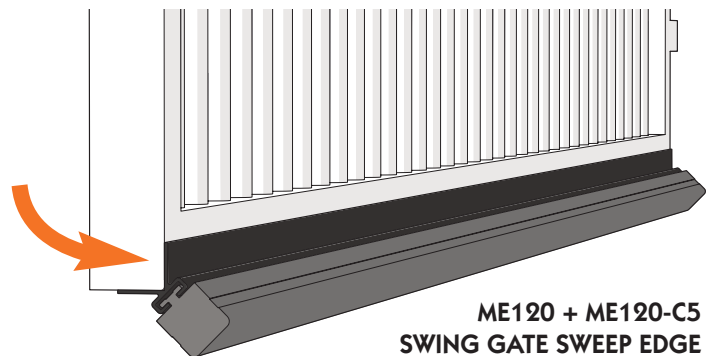


ME120-C5 Aluminum (black)



### TechTip: Swing Gate Sweep Edge

The ME120 sensing edge paired with the ME120-C5 mounting channel creates a *sweep edge* that safeguards the entrapment zone on driveways and curbs along the path of travel below a swinging gate, as defined by UL325 and ASTM F2200.



Contact Miller Edge to ensure compatibility with your operating controls.  
U.S. Patent 6,571,512 Other patents apply.

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