

SensingEdges

Applications

- **Sliding Gates**
- **Swinging Gates**

Designed specifically for easy installation on standard 2" round or square frames, the MGR20 and MGS20 offer 3-sided activation for an added measure of protection. When touched, these electrically activated edge sensors immediately signal the gate operator to stop and reverse. The sleek design of the MGR20 and MGS20 is a visual compliment to the look of any style of gate.



OPTIONS

- Color: Black or Yellow
- Configurations:
 - 2-Wire 10K Resistive Monitored
 - 2-Wire Non-Monitored

TECHNICAL SPECIFICATIONS

Color:	Black or Yellow
Length:	Per specification to +/- 1/4"
Maximum Length:	Up to 10' (additional shipping procedures and charges apply to lengths over 8')
Lead Wire:	SJTO, 18 gauge, 2' length
Sensitivity:	Nominal 4-7 lbf
Electrical Maximum:	24V AC/DC, 1/2 amp
Mechanical Diagram:	See drawings on reverse
Contact Element:	Alumaglas®
Materials:	Base: Rigid extruded PVC Cover: Flexible PVC
Temperature Range:	-30°F to +155°F
Wire Outlet Location:	Universal, right, or left

FUNCTIONAL BENEFITS

- 3-sided activation
- Touch sensitive signalling
- Easy to Install
- Contours to round or square gate post
- ANSI/UL325 Recognized Component

 Designed for gates



Model: MGR20, MGS20

SensingEdges

INSTALLATION

The MGR20 and MGS20 were designed to minimize installation time while offering customers three-sided protection for the leading edge of the gate. These edge sensors simply fit onto a 2" frame. To mount, drill 1/8" holes through the mounting flanges and into the gate frame every 24 inches. Permanently attach with #10 screws. Run wire to the gate operator or wireless transmitter and attach to safety reverse terminals per the gate operator installation manual. Test the edge sensor and inform the property owner of their obligation to regularly test.

Note: For safe operation, use maximum 24 volt AC or DC power. For detailed instructions, contact Miller Edge, Inc.

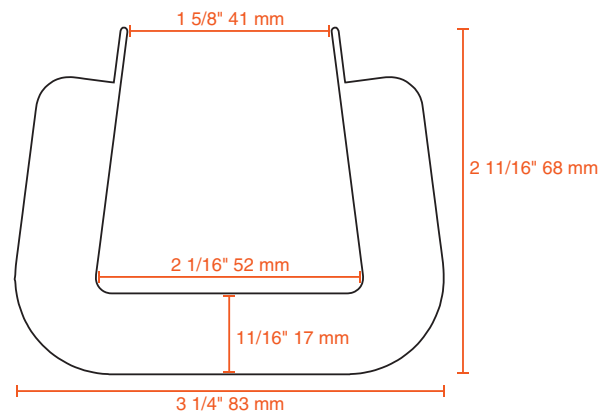
CARE & MAINTENANCE

Minimum care is required for the MGR20 and the MGS20 since they are manufactured with only the most durable materials and the highest quality control standards. 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 offers years of trouble-free operation.

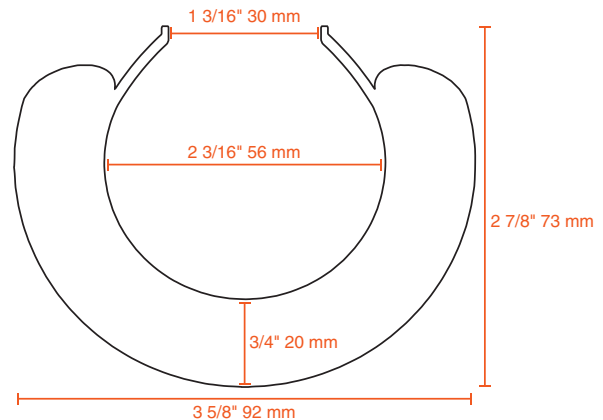
WARRANTY

Miller Edge, Inc. will replace within one year of shipment from our 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



MGS20
For 2" Square Post



MGR20
For 2" Round Post



Contact Miller Edge to ensure compatibility with your operating controls.
U.S. Patent 7,282,879 Other patents apply.

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