WARNING – To reduce the risk of severe injury or death:

1. Read and follow all installation instructions.
2. Disconnect all power before beginning any work.
3. Do not reconnect the operator to source of power until instructed to do so.
4. Test the system when installation is completed.
5. Follow all local and national electrical codes.

Parts List:
- Gate Edge Module (GEM)
- Wire Nuts (4 or 6)
- Instruction Manual (1)

Additional Items required:
- Miller Edge T2 Safety Edge (10K ohm resistor embedded inside edge)
- by others; electrical wiring, j-boxes*, conduit, etc., as required by code

*j-boxes available from Miller Edge. Contact Factory.

See Step - By - Step Installation Guide on Reverse Side

Wiring Diagrams

GEM-102 (2-wire pulsed)

GEM-103 (4-wire pulsed)

GEM-104 (normally closed)

Stationary safety edge

Trailing safety edge

Stationary safety edge for draw-in zone post protection

Safety edge connection to Gate Edge Module

Operator

Leading safety edge

MILLER EDGE, INC. • P.O. Box 159 • West Grove, PA 19390 • (610)869-4422 • Fax: (610)869-4423 • 800-220-3343 • www.milleredge.com

MILLER EDGE, INC. • 6809 South Harl Avenue • Suite A • Tempe, AZ 85283 • (480)755-3565 • Fax: (480)755-3558 • 800-887-3343
Step-By-Step Installation Guide

1. Turn off power to the operator.
2. Mount the Safety Edge as per the edge installation instructions.
3. Place the Gate Edge Module inside the UL listed operator.
4. Use the charts below to make the wiring connections relevant to your GEM model. See diagrams on front page.

<table>
<thead>
<tr>
<th>Connection</th>
<th>Wire Color</th>
<th>Connection</th>
<th>Wire Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>To: 10K Safety Edge</td>
<td>Black / White</td>
<td>To: 10K Safety Edge</td>
<td>Black / White</td>
</tr>
<tr>
<td>To: Monitored Safety Input</td>
<td>Red / Red</td>
<td>To: Monitored Safety Input</td>
<td>Green / Green</td>
</tr>
<tr>
<td>To: Power</td>
<td>Red / Red</td>
<td>To: Power</td>
<td>Red / Red</td>
</tr>
</tbody>
</table>

Test System

1. Reapply power to the operator.
2. The red LED on the Gate Edge Module should be OFF if the safety edge is not active. The green LED should be ON.
3. Open the gate slightly.
4. Apply pressure to the Safety Edge. The red LED on the Gate Edge Module should go ON.

* If any steps fail, check all connections.

Trouble Shooting Tips

<table>
<thead>
<tr>
<th>LED Color</th>
<th>STATUS</th>
<th>DIAGNOSIS</th>
<th>CAUSE / SOLUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>GREEN</td>
<td>ON</td>
<td>Power</td>
<td>Normal Operation</td>
</tr>
<tr>
<td></td>
<td>OFF</td>
<td>No Power</td>
<td>Check the wire connection between the Operator and the Gate Edge Module.</td>
</tr>
<tr>
<td>RED</td>
<td>OFF</td>
<td>Edge is Not Active</td>
<td>Normal Operation</td>
</tr>
<tr>
<td></td>
<td>ON</td>
<td>Edge is Active, Fault</td>
<td>Edge is hit</td>
</tr>
<tr>
<td></td>
<td>BLINKING</td>
<td>Edge is Open, Fault</td>
<td>Check the wire connection between the Edge and the Gate Edge Module. Edge is faulty or not proper for this application</td>
</tr>
</tbody>
</table>