About the MC22...
The MC22 pressure sensitive electric edge is custom manufactured to your exact specifications for length-width, height and sensitivity. When touched lightly or at an angle, the MC22 will send an immediate electrical signal to your controls to stop, and/or reverse operations. It is completely flexible and will contour curved surfaces. The MC style sensing edge is extremely versatile. Contact us with your specifications and we will design the best sensing edge for your application.

OPTIONS:
- Extra-sensitive (MC22XS)
- 4-wire configuration
- Pneumatic (MC2P22) Air-Wave (MC2AW22)
- 4-wire control panel (MFSC-100)
- 4-wire intrinsically-safe control panel (FSIS-25-4)
- XR-5 chemically resistant cover for protection against:
  - kerosene
  - diesel fuel
  - JP-4 jet fuel
  - salt water
  - 50% phosphoric acid
  - 50% hydrochloric acid
  - 50% acetic acid
  - SAE-30 oil

TECHNICAL SPECIFICATIONS:

<table>
<thead>
<tr>
<th>Color:</th>
<th>Grey, Black - Top is Grey</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length:</td>
<td>per specification to nearest 1/4</td>
</tr>
<tr>
<td>Lead Wire:</td>
<td>SJTO, 18 gauge, 2ft. length or 22 gauge universal</td>
</tr>
<tr>
<td>Sensitivity:</td>
<td>nominal 4-7 lbf</td>
</tr>
<tr>
<td>Electrical Diagram:</td>
<td>2 wire N.O. configuration</td>
</tr>
<tr>
<td>Electrical Maximum:</td>
<td>24 volt AC or DC, 1/2 amp</td>
</tr>
<tr>
<td>Mechanical Diagram:</td>
<td>See drawings on reverse side</td>
</tr>
<tr>
<td>Contact Element:</td>
<td>Alumaglas®</td>
</tr>
<tr>
<td>Materials:</td>
<td>Heavy Duty reinforced PVC</td>
</tr>
<tr>
<td>Temperature Range:</td>
<td>-30°F to +155°F</td>
</tr>
<tr>
<td>Wire Outlet Location:</td>
<td>Right side, Left side, End</td>
</tr>
</tbody>
</table>

FUNCTIONAL BENEFITS:
- Touch Sensitive signalling
- Easy to Install
- Flexible and will contour to curved surfaces
- Mounts vertically or horizontally
**Model # MC22**

**SensingEdge**

**Installation**
Remove edge from shipping container and lay out flat and straight. Close air valve. Slide edge into accepting channel and wire to operator.

**Care of the MC22 . . .**
Minimal care is required for the MC22 since it is manufactured with only the most durable materials and the highest quality control standards. However, SensingEdges must be examined once per month for cuts or punctures which could damage internal components. With the SensingEdge attached and the door open place a 1” thick wood block on the floor in the door’s path at approximately the center of the door. Activate the opener. The door opener must reverse and open the door when it comes in contact with the wood. If it does not, a qualified technician must adjust, repair, or replace the necessary parts. Check wiring to be sure connections are secure. Check reversing mechanism often to assure integrity of operations. When properly maintained, the MC22 offers years of trouble free operations.

**Warranty**
We will replace within one year of shipment from our factory, any SensingEdge™ 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:**

![Mechanical Diagram](MC22_Spec_20140819)