BURST INDICATOR
TYPE EM-BI

DESCRIPTION
The Fike EM-BI Explosion Vent Burst Indicator have been developed to detect the opening of explosion vents and can initiate bringing the process to a stop. This will reduce the effects of the ensuing explosion and may avoid further propagation of flames or burning particles to other parts of the process. The EM-BI Indicator can be installed externally on most Fike explosion vents using a simple mounting bracket (included).

FUNCTION
The Fike EM-BI Explosion Vent Burst Indicator will instantaneously detect the movement of the explosion vent when opening via a flexible Stainless Steel sensor. This movement will initiate the electrical changeover of a contact (see installation sketch below).

Important: Explosion Vent Burst Indicator must be installed in the area facing the non-slotted hinge side of the Fike explosion vent. See overleaf for more details!
SPECIFICATIONS

<table>
<thead>
<tr>
<th>Type</th>
<th>EM-BI</th>
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</thead>
<tbody>
<tr>
<td>Voltage (max. allowed)</td>
<td>240 VAC / 250 VDC</td>
</tr>
<tr>
<td>Current (max. allowed)</td>
<td>3 AAC / 0.27 VAC</td>
</tr>
<tr>
<td>Maximum Resistance</td>
<td>&lt; 25 Ohms</td>
</tr>
<tr>
<td>Ambient Temperature</td>
<td>From -25°C to +70°C</td>
</tr>
<tr>
<td>Ingress Protection</td>
<td>IP66 per IEC 529</td>
</tr>
</tbody>
</table>

Cable
The electrical junction box is designed for use with cable glands, suitable for cables outside diameters between 7 and 10 mm (cable gland not included)

MOUNTING / POSITIONING OF FIKE EXPLOSION VENT BURST INDICATOR

For Rectangular Explosion Vents
Non-slotted (hinged) side
Install Burst Indicator here

For Circular Explosion Vents
Non-slotted (hinged) side
Install Burst Indicator here

Flexible Sensor
Electrical Junction Box
Electrical Cable (not supplied by Fike)
Mechanical Support

www.Fike.com

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