

## **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!

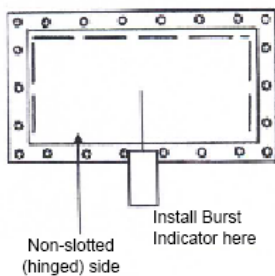


## SPECIFICATIONS

<b>Type</b>	EM-BI
<b>Voltage (max. allowed)</b>	240 VAC / 250 VDC
<b>Current (max. allowed)</b>	3 AAC / 0.27 VAC
<b>Maximum Resistance</b>	< 25 Ohms
<b>Ambient Temperature</b>	From -25°C to +70°C
<b>Ingress Protection</b>	IP66 per IEC 529
<b>Cable</b>	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



For Circular Explosion Vents

