

## ELEGUARD BURST INDICATOR

### DESCRIPTION

The EleGuard Burst Indicator detects the opening of EleGuard explosion vents and can be used to stop the production process in case of an explosion. The detection principle relies on an actuator magnet affixed to the panel and a reed switch on the vent's frame.

The EleGuard Burst Indicator is a "simple device" that is not covered by the ATEX product directive 2014/34/EG. When used in a potentially explosive area or hazardous location, this indicator can only be applied in circuits of type protection "i" - intrinsic safety.



### SPECIFICATIONS

EleGuard vent panel	Cf. EleGuard datasheet no. X.2.21.01
Ambient Temperature Range	-10°C – 60°C
Material of	
Housing	Aluminum
Switch	Plastic

Max Voltage	48VDC
Max Current	50mA
Max Total Cable Resistance	100 mΩ
Electrical Cable	
Length	0.5 m
Type	7-2-3A DEF61-12
Materials	PVC
Colour	Black
Electrical Connector	Blue: common Green: N/O Red: N/C
Vibration	50-2000 Hz: 30Gmax
IP Rating	IP64



## INSTALLATION REQUIREMENTS

The Burst Indicator is delivered separately and the user must affix the Burst Indicator to the EleGuard panel.

The installation kit contains the reed switch and the actuator magnet with two countersunk head screws (size M3) included to attach the reed switch onto the vent's frame. Permafix tape is also included to attach the actuator magnet onto the vent panel.

## DIMENSIONS

