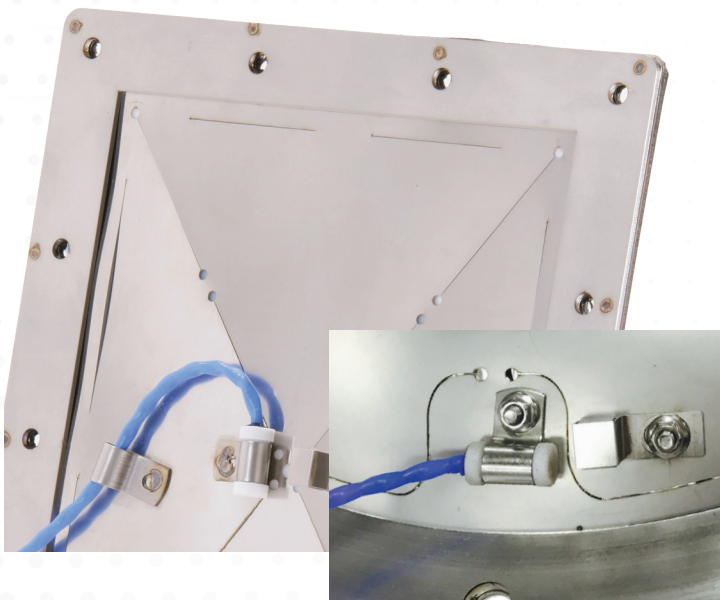


VENT-TEL (PANELS)

NON-INVASIVE, REUSABLE BURST DETECTION SENSOR

Non-invasive, ATEX approved, reusable burst detection for explosion vents and panels



When fitted to explosion panels, Vent-Tel provides an instantaneous signal of panel actuation within any application. Operating via a simple N/O reed switch and magnet technology, the detector can trigger a safe and rapid shutdown of the process should an overpressure event occur.

Being non-invasive, Vent-Tel is not susceptible to process change or false signals and does not affect the panel's performance. Vent-Tel can be supplied integral to the vent or retrofitted to an existing installation.

Temperature -148°F to 392°F

Cable lengths available 2m

Connection Screw connection to panel

Let us help you with all
your pressure relief questions.

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Temperature range	-148°F to 392°F (-100°C to 200°C)
Connection	Screw connection to panel
Cable lengths available	2m
Product markings	II 1GD Ex ia IIC T6 ... T3 Ga Ex ia IIIC T85 °C ... T200 °C Da
Design Standards	Complies with EN IEC 60079-0:2018 and EN IEC 60079-11:2012

Values for intrinsically safe connection

$U_i = 30\text{v}$
 $I_i = 100\text{mA}$
 $P_i = 0.75\text{W}$
 $C_o = 66\text{nF}$
 $L_o = 3\text{mH}$
 $L_o/R_o = 40\mu\text{H}/\Omega$

$T_a = -40\text{ °C to }+60\text{ °C} - \text{T6 (T85 °C)}$
 $T_a = -40\text{ °C to }+80\text{ °C} - \text{T5 (T100 °C)}$
 $T_a = -40\text{ °C to }+110\text{ °C} - \text{T4 (T135 °C)}$
 $T_a = -40\text{ °C to }+175\text{ °C} - \text{T3 (T200 °C)}$

Maximum process temperature = +200°C

Certifications

ATEX (CE)
 UKEx (UKCA)
 IECEX

Related Products

Panels

EB Explosion Vents
 Thermal vent
 Lift-Gard

Accessories

Explosion Vent
 Accessories