

VENT-TEL (SANITARY)

NON-INVASIVE, REUSABLE BURST DETECTION SENSOR

Eliminate leak paths *and* remove the risk of contamination with this non-invasive, reusable burst sensor for sanitary applications



Vent-Tel is designed to fit OsecoElfab's sanitary rupture discs. Unlike membrane-type detectors, Vent-Tel is an independent, reusable solution. It is mounted outside the process and does not come into contact with the process media. This removes risks associated with contamination, false alarms due to pressure fluctuations, and leakage.

Following a pressure event, the detector does not need to be replaced. Vent-Tel remains connected to the control system and can be reused with the new, replacement disc. No re-wiring is necessary.

Vent-Tel is compatible with ferrule and NAC/PAD type connections.

Temperature

-148°F to 392°F

Cable lengths available

2m

Connection

Tri-Clamp/ferrule and NAC/PAD

**Let us help you with all
your pressure relief questions.**

UK office | North Shields

+44 (0)191 293 1234 | uksales@osecoelfab.com

US office | Broken Arrow

+1 (918) 258 5626 | info@osecoelfab.com

osecoelfab.com



TECHNICAL SPECIFICATIONS



Temperature range	-148°F to 392°F (-100°C to 200°C)
Connection	Tri-Clamp/ferrule and NAC/PAD
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

Rupture Discs

Opti-Gard Ferrule
Opti-Gard SoLo
Ferrule
Safe-Gard Ferrule
BioFlat Composite

Installation Tools

Test-Tel

Accessories

Tri-Clamps
Spacers

