

BURST INDICATOR TYPE RI / HT

DESCRIPTION

The RI / HT rupture indicator consists of an insulated thermocouple wire, installed onto an explosion vent panel or rupture disc during the manufacturing process. The RI / HT provides a normally closed (N.C.) contact that is in a conductive state until the explosion vent panel or rupture disc opens. This change of state is typically used to initiate a process shutdown or to generate a trouble condition.



FEATURES AND BENEFITS

- High mechanical rigidity
- Extensively field tested
- NC contact to enable wire supervision



SPECIFICATIONS

Model	RI / HT
Process Temperature	600°C
Maximum Cable Temperature	704°C
Available on Explosion Vent	CV-(S)-I-(V)HT
Electrical Connection ¹	Thermocouple wire Fibreglass Insulated Overall diameter: 2.1 x 3.6 mm Conductor: 2x AWG20 1x 0.81 mm ² Chromel 1x 0.81 mm ² Alumel
Maximum current	100mA
Maximum voltage	30VDC
Resistance	1.94 Ω/m
Cable Length	3m

(1) Note that an IS barrier shall be used when the burst indicator is located in a hazardous zoned area.