



# Model 935-E

## End-of-Line Breather Vent with Integrated Flame Arrester

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Drawing on extensive experience in the pressure relief field, the BS&B FlameSaf® pressure relief vent with integrated flame arrester offers a dependable, internationally certified and precisely engineered design to prevent excessive pressure build-up and rupture of valuable tankage during overpressure situations. The valve, which include an integral flame arrester, positioned to minimize plugging, along with a light-weight, compact design, are expertly engineered to respond to even minimal changes in pressure. Fully opening at pressure rises of just 10% overpressure, enabling users to optimize operating conditions close to limits while ensuring reliable operation that safeguards personnel and the environment. Consult your local BS&B representative or call us for consultation on your safety concerns.

### Features

- End-Of-Line Breather Vent with Integrated Flame Arrester
- Pressure Vent: Deflagration proof
- EC prototype test certificate according to ATEX Directive 2014/34/EU and EN ISO 16852:2016, EN 13463-1 and EN 13463-5
- Available in nom. Diameter: DN50 (2"), DN80 (3")

### Protection

- Gas/air or vapour/air-mixtures for explosion groups up to and including IIB3 (NEC Group D), MESG  $\geq 0.65$ mm

### Connection Type

- ISO 7005 PN10
- ANSI B16.5 – 150 RF
- Other types available upon request



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Materials of Construction				
	Stainless Steel	Hastelloy	Ductile Iron	Other Materials on request
Metal Foil Element	✓	✓		✓
Housing of Metal Foil Element	✓	✓		✓
Body / Cover	✓		✓	✓
<i>Painting Options Available</i>				

EC Type Examination	
Designation	935-E 50 to 80
Protective System	Pressure vent with integrated flame arrester for explosion groups up to and including IIB3 (NEC Group D)
Compliance with guidelines:	ATEX 2014/34/EU EN ISO 16852:2016

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