



Model 938-V

In-Line Detonation Arrester

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BS&B FlameSaf™ flame arresters embody superior design characteristics and are third-party tested to the latest standards in order to provide state-of-the-art gas explosion protection. Utilizing the flame arrester elements to extinguish the flame, FlameSaf flame arresters are widely used to protect tanks, piping and other systems against unstable and stable detonations and deflagrations. The 938-V features integrated shock absorbing elements to mitigate incoming detonations and prevent flame transmission while minimizing the impact on process flow. Consult your local BS&B representative or call us for consultation on your safety concerns.



Features

- In-line detonation arrester with straight through design
- Modular design for ease of maintenance
- Protects against deflagrations, stable and unstable detonations
- Short-term burning proof
- Replaceable shock absorbing elements
- Bi-directional function
- EC type test certificate according to ATEX Directive 2014/ 34/ EU
- Performance tested to EN ISO 16852: 2016
- Accepted and approved by US Coast Guard in accordance with 33 CFR Part 154 Appendix A
- Available in nominal diameter: DN150 (6”) – DN300 (12”)
- Additional sizes available on request

Protection

- In-line detonation arrester with straight through design
- Gas/air or vapour / air mixtures for explosion groups up to and including IIA (IEC) and Group D (NEC) MESG > 0.9mm
- Optional temperature sensor – selected for application conditions such as:
 - Intrinsically safe
 - Flameproof Enclosure (EExd)
 - Selected according to EC, IEC or USA standards

Flange Connections

- EN 1092 (DIN)
- ASME B16.5 (ANSI)
- JIS B 2220

Other types available upon request

Type Examination	
Designation	938-V DN 150 (6”) to DN 300 (12”)
Protective System	Short time burning, stable and unstable detonation flame arrester for explosion groups up to and including IIA (IEC) and Group D (NEC).
Compliance with	ATEX 2014/34/EU EN ISO 16852:2016 33 CFR Part 154 Appendix A

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

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A full list of global contacts for this product can be found at the www.bsbflamearrester.ie and www.bsbsystems.com websites.

