



Model 933-A

In-Line Deflagration Arrester/In-Line Detonation Arrester with Sanitary/Aseptic Connection

www.bsbflamearrester.ie | www.bsbsystems.com
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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 arresters are widely used to protect tanks, piping and other systems against deflagrations and detonations. Consult your local BS&B representative or call us for consultation on your safety concerns.

Features

- In-line deflagration arrester / in-line detonation arrester
- Stable and unstable detonation
- Short time burning
- EC test certificate according to ATEX Directive 2014/ 34/ EU
- Performance tested to EN ISO 16852: 2016
- Available in nominal diameter: 1" (25mm) – 3" (80mm), standard industry clamp fitting, such as Tri-Clamp®

Protection

- Gas/air or vapour / air mixtures for explosion groups up to and including IIC (NEC Group B), MESG < 0.50mm
- Optional Temperature Sensor – selected for application conditions such as:
 - Intrinsically safe
 - Flameproof Enclosure (EEx d)
 - Selected according to EC, IEC or USA standards

Connection Type

- Standard industry connections, e.g. Tri-Clamp® or equivalent
- ASME B16.5; EN 1092-1; JIS B2220
- Other types available upon request



EC Type Examination	
Designation	933 – A 1" (25mm) to 3" (80mm)
Protective System	Short time burning, stable and unstable detonation flame arrester for explosion groups up to and including IIC (NEC Group B)
Compliance with	ATEX 2014/34/EU EN ISO 16852:2016

Materials of Construction			
	Stainless Steel	Hastelloy	Other Materials on request
Metal Foil Element	✓	✓	✓
Housing of Metal Foil Element	✓	✓	✓
Body / Cover	✓	✓	✓

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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.

