



Model 933-S

In-Line Deflagration Arrester / 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 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 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 / Unstable detonation
- Short time burning
- Low pressure drop
- Various options available for high operating pressure and temperature
- EC prototype test certificate according to ATEX Directive 2014/34/EU and EN ISO 16852:2016
- Available in nom. Diameter: DN50 (2") – DN600 (24")
- Additional sizes available on request

Protection

- Gas/air or vapour / air-mixtures for explosion groups up to and including IIC (NEC Group B), MESG < 0.5mm
- Temperature Sensor – resistance thermometer with protection type
 - Inherently safe (EEx i)
 - Pressure Resistant Enclosure (EEx d)

Connection Type

- ISO 7005-1 / ASME B16.5
- ANSI B16.5
- Other types available upon request



Model 933-S In-line deflagration arrester/
In-line detonation arrester

Materials of Construction					
	Stainless Steel	Hastelloy	Carbon Steel	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	933-S 50 to 600
Protective System	Short time burning deflagration, stable and unstable detonation flame arrester for explosion groups up to and including IIC (NEC Group B)
Compliance with guidelines:	ATEX 2014/34/EU EN ISO 16852:2016

Limerick, Ireland
T: +353 61 517000
F: +353 61 309689
E: info@bsbflamearrester.ie

Düsseldorf, Germany
T: +49 211 930550
E: info@bsb-systems.de

Tulsa, OK USA
T: +1 918 622 5950
F: +1 918 665 3904
E: sales@bsb-systems.com

Seoul, Korea
T: +82 2 3782 9110
F: +82 2 3782 9120
E: sales@bsb-systems.kr

Den Haag, Netherlands
T: +31 70 362 2136
F: +31 70 360 4724
E: info@bsb-systems.nl

Manchester, UK
T: +44 0 161 955 4202
F: +44 0 161 870 1086
E: sales@bsb-systems.co.uk

Shanghai, China
T: +86 21 6391 2299
F: +86 21 6391 2117
E: sales@bsb-systems.com

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