

# FLASHBACK ARRESTORS F100N-ES

## stainless steel



WITT Flashback Arrestors for reliable protection against dangerous flashbacks according to DIN EN ISO 5175-1, for hydrogen (H<sub>2</sub>) up to 17 bar. Every Arrestor 100% tested.

### Benefits

- a large surface area flame arrestor [FA] of stainless steel construction extinguishes any dangerous flashback
- a temperature sensitive cut-off valve [TV] extinguishes sustained flashbacks long before the internal temperature of the arrestors reaches a dangerous level

### Operation / Usage

- the Flashback Arrestors are used to protect gas cylinders and pipeline outlet points (hoses and any equipment) against flashbacks at highest working pressures up to 17 bar, at hydrogen in case of flame spraying
- ideal for use with corrosive gases in the chemical industry, or process technology
- WITT Flashback Arrestors may be mounted in any position / orientation
- the maximum ambient / working temperature is 60 °C / 140 °F

### Maintenance

- annual testing of the body leak tightness and flow capacity is recommended
- Flashback Arrestors are only to be serviced by the manufacturer

### Approvals

Company certified according to ISO 9001

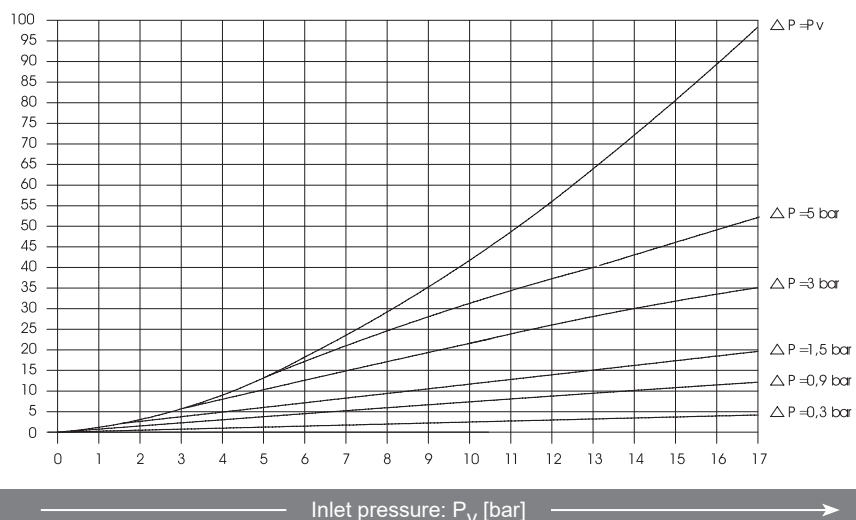


	Model
<b>Safety devices</b>	<b>F100N-ES</b>
Flame arrestor [FA]	✓
Temperature sensitive cut-off valve [TV]	✓
Weight [g]	1 236
Material	Housing – Stainless steel; Flame arrestor – Stainless steel; Seal – Elastomer
Gases	max. working pressure [bar]
Hydrogen (H)	17
Connections	Order-No.
1/2" NPT F	210000012

## F100N-ES

210000012

Flow diagram for hydrogen (20 °C / 68 °F)



Standard volume flow [Nm<sup>3</sup>/h]  
(101.3 mbar / 14.7 psi, 0 °C / 32 °F)

Inlet pressure: P<sub>v</sub> [bar]

Other connections available upon request