WITT Flashback Arrestors F53N/HHO for reliable protection against dangerous flashbacks at application of hydrogen-oxygen mixtures. Every Arrestor 100% tested.

Benefits
- compact design
- a large surface area flame arrestor of stainless-steel construction extinguishes any dangerous flashback from a stoichiometric composition of a hydrogen-oxygen mixture which is entering the device
- a temperature sensitive cut-off valve extinguishes sustained flashbacks long before the internal temperature of the arrestors reaches a dangerous level
- low life cycle costs
- may be mounted in any position / orientation
- compact size for easy, problem free installation

Operation / Usage
- the fitting protects against flashbacks and backfire at gas extraction by electrolysis for example micro soldering- and welding units (MLS-units) according to DIN 32508 No. 5.8.2 and No. 5.8.3. The small and compact design of the safety device is for use in pipelines.

Approvals
Company certified according to ISO 9001

Other models, options and accessories available upon request.

<table>
<thead>
<tr>
<th>Application</th>
<th>Materials</th>
<th>Temperature</th>
<th>max. working pressure</th>
<th>Connections</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flame arrestor</td>
<td>Housing – Brass; Flame arrestor – Stainless steel; Seal – Elastomer</td>
<td>max. 50 °C</td>
<td>0.5 bar</td>
<td>G 1/4 F</td>
<td>145-276</td>
</tr>
<tr>
<td>Safety device with multiple function</td>
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</tbody>
</table>
FLASHBACK ARRESTOR F53N/HHO

**F53N/HHO**

Flow diagram for air (20 °C / 68 °F)

- Inlet pressure: $P_v$ [bar]
- Standard volume flow $[Nm^3/h]$

- $\Delta P = P_v$
- $\Delta P = 0.6$ bar
- $\Delta P = 0.3$ bar

ST25 - B01/E9 subject to change.