WITT Decomposition Blockers for reliable protection against decomposition of acetylene and flashbacks of fuel gases.
Every Arrestor 100% tested.

The best Decomposition Blocker in the world
- a large surface area flame arrester of stainless steel construction:
  - stops dangerous decomposition of acetylene independent from flow direction
  - extinguishes any dangerous flashback entering the device in any direction
- a temperature sensitive cut-off valve according to DIN EN ISO 5175-1 extinguishes sustained flashbacks long before the internal temperature of the arrestor reaches a dangerous level

Operation / Usage
- as a Decomposition Blocker for acetylene in medium pressure pipe-lines for protection from cylinder equipment and bundles according to DIN EN ISO 14114
- as a Decomposition Blocker to protect pipelines in supply systems
- FN40 for double flow capacity

WITT Decomposition Blockers may be mounted in any position / orientation
- the maximum ambient / working temperature is 70 °C / 158 °F

Maintenance
- it is recommended that an annual body leakage test is performed
- Decomposition Blockers are only to be serviced by the manufacturer

Approvals
Constructed and tested according to DIN EN ISO 14114
Company certified according to ISO 9001 and PED 2014/68/EU Module H
CE-marked according to:
- PED 2014/68/EU

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<td>Brass</td>
<td>Elastomer</td>
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Other connections available upon request
DECOMPOSITION BLOCKERS FN12 / FN40

Flow diagram for air (20 °C / 68 °F)

Inlet pressure: \( P_v \) [bar]

Conversion factor:
Acetylene \( \times 1.04 \)

FN12

FN40