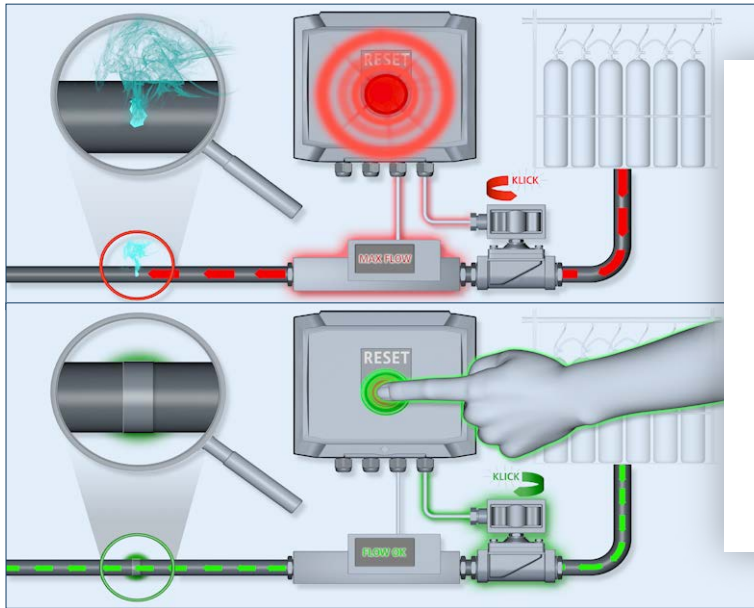


# Pipe Burst Protection RBS



## Monitoring and analysis

### Reliable and fast

Monitor gas-carrying lines and prevent uncontrolled gas leakage due to torn hose lines, pipelines or leaking tapping points.

### Features

The RBS pipe burst protection from HTK Hamburg not only offers you a reliable and fast shut-off of the gas supply. At the same time, you can determine your gas consumption via the integrated Monitor and document the withdrawal and total flow rate for each type of gas. Detect leaks during non-production time. Shut off the gas supply in the laboratory or production via integrated key switches or time intervals.

A reaction time of only 500 msec. guarantees a reliable and fast shut-off of the gas supply in case of a hose rupture or a pipe burst or leakage. Alarm messages are designed as latching alarms and must be acknowledged centrally.

Depending on the system design, up to 8 gas types can be monitored and detected simultaneously. Central evaluation units with alarm and flow rate display can be integrated into internal networks via digital interfaces and thus be used as a central alarm centre.

The pipe rupture safety devices are customised according to pressure, flow rate and number of gas types.

### Technical Data

Gases	Air, oxygen, nitrogen, helium, argon, Carbon dioxide, hydrogen, methane, propane, butane.  Other gas types on request. For EX requirements, flow meters and evaluation units with corresponding ATEX certification are available.
Flow ranges	0-25 ml/min., 0-450 l/min., s zu 5.000 l/min.  Higher flow ranges on request.
Inlet sections	None
Installation position	As needed
Pressure ranges	PN10, PN25, PN40  Other pressure ranges on request.
Material	Aluminium / Stainless steel
Power	24 or 230 Volt
Temperature range	0-50°C
Control unit Housing	Plastic / powder-coated sheet steel / stainless steel
Gas connections	G ¼" Female thread / G ½" Female thread
Shut-off valves	Depending on gas type and pressure range as magnetic or pneumatic shut-off valve
Display	LCD display / touch screen (optional)

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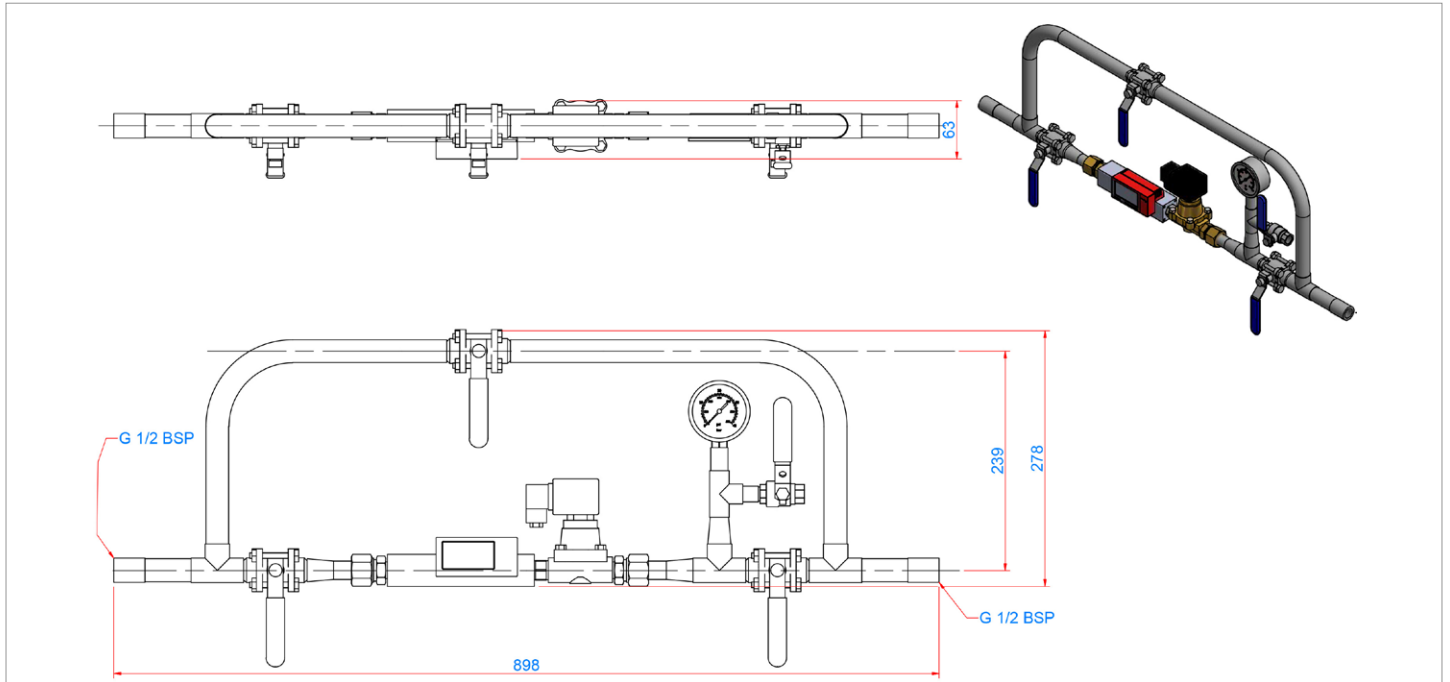
We control GASES - since 1978

**HTK**<sup>®</sup>  
HAMBURG

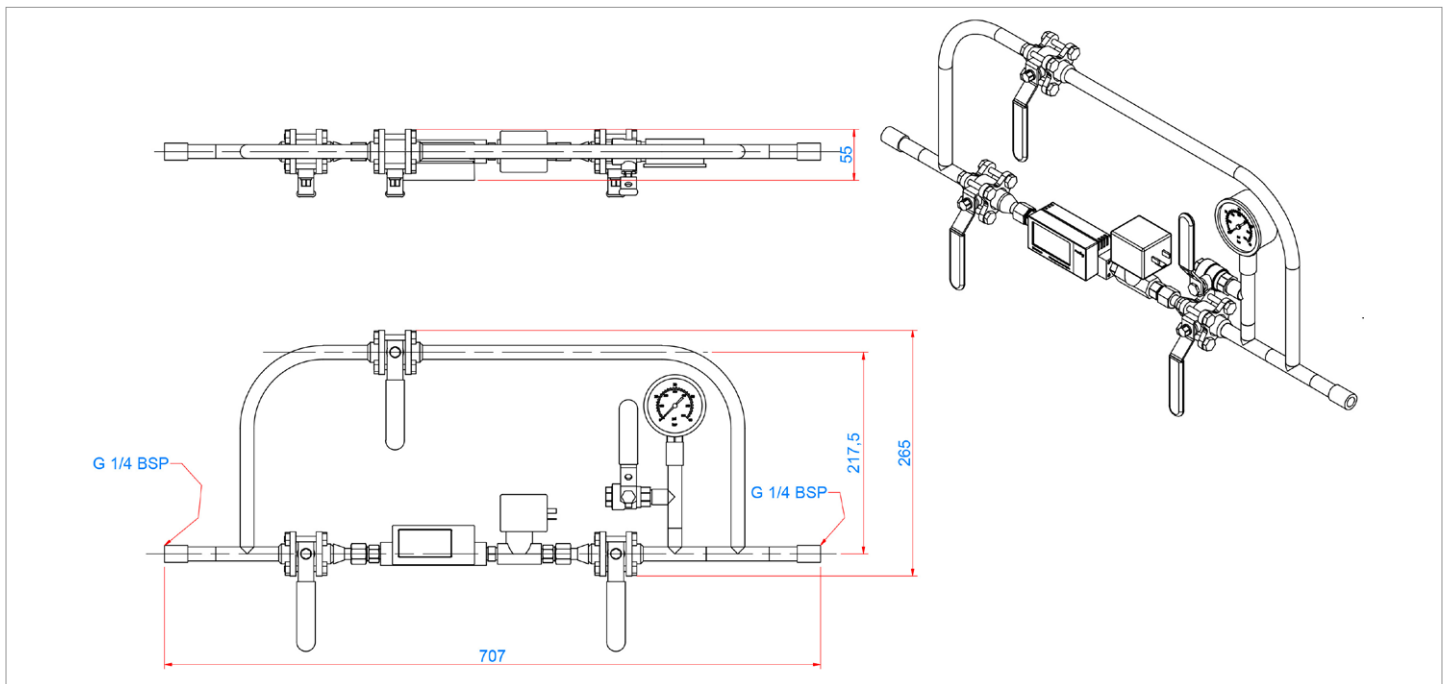
# Pipe Burst Protection RBS



## Technical Drawings



1/4" system up to max. 100 l<sub>n</sub>/min



1/2" system up to max. 450 l<sub>n</sub>/min.

Subject to technical changes

The direct way to our website:

[www.htk-hamburg.com](http://www.htk-hamburg.com)

HTK Hamburg GmbH  
 Frahmredder 49 • 22393 Hamburg  
 Phone: +49 (0)40 - 600 38 38 - 0 • Fax: +49 (0)40 - 600 38 38 - 99  
[info@htk-hamburg.com](mailto:info@htk-hamburg.com)



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