

Safety device to EN 730-1, ISO 5175

Model: **DS 1000**

with pressure sensitive gas cut-off valve

For Protection of Cylinder-Regulators and Tapping Points.



Highest safety level combined with compact construction and protection of investment in industrial use.
The type DS 1000 can be used on tapping points as well as on single cylinders.

Highlights:

- | | |
|---|----|
| • Gas non-return valve | NV |
| • Flame arrestor | FA |
| • Thermal cut-off valve | TV |
| • Pressure sensitive gas cut-off system | PV |

Dust filter promotes long life

Threads:

In accordance with EN 560, ISO 3253 for common connections

Fuel Gas: G3/8"LH, M16X1.5LH, UNF9/16"-18LH, UNF5/8"-18LH, 1/4"-NPT

Oxygen/ Compressed Air: G1/4"RH, G3/8"RH, M16X1.5RH, UNF9/16"-18RH, UNF5/8"-18RH, 1/4"-NPT

For additional connections please contact IBEDA.

Gas-Types:

Acetylene (A), Town Gas (C), Compressed Air (D), Ethylene (E), Hydrogen (H), Natural Gas (Methane) (M), Oxygen (O), Propane (P), MPS Methylacetylen- Propadien- Mixture (Y)

Working pressure:

A 1.5 bar; H 3.5 bar; CBMPY 5.0 bar; DO 15.0 bar

Maintenance:

An examination is required within a period of at least once a year.

According to TRAC 207, 9.36 and BGV D1, § 49

We would be pleased to offer you the PVGD flashback arrestor testing unit.

Safety devices may be opened and repaired only by the manufacturer.

Design:

Other materials and surface finishing on request.

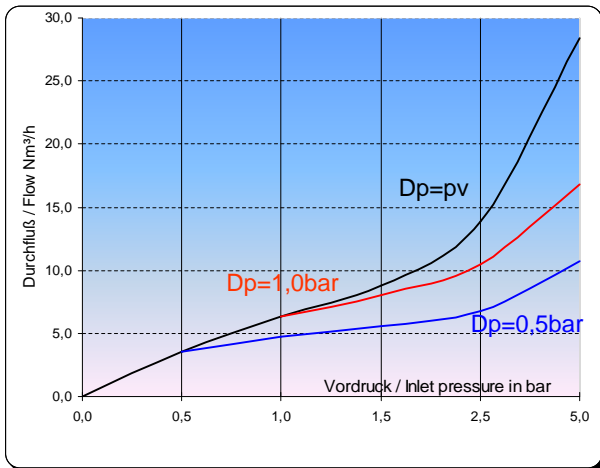
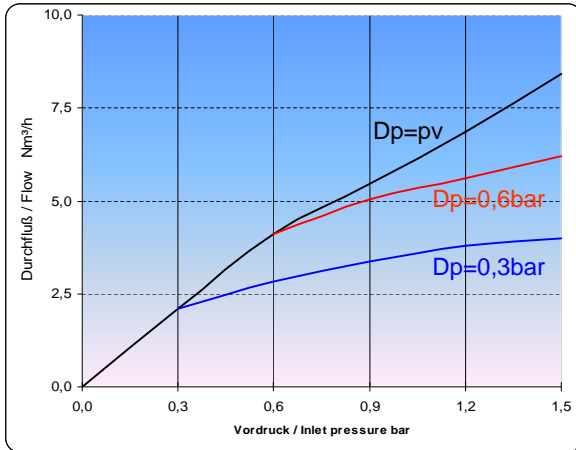
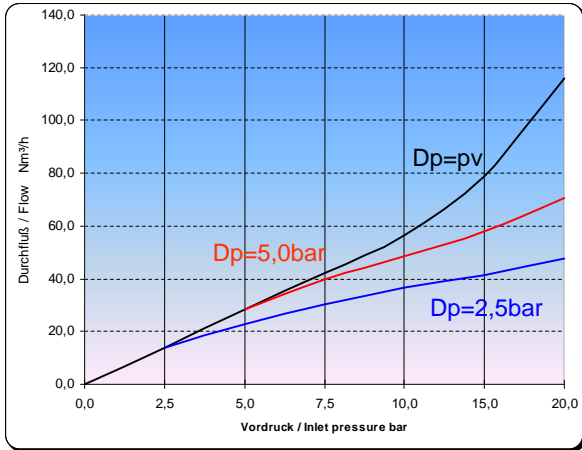


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Worldwide!

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Flow-Rate Dates:



Conversion Factors:

(A) Acetylene C ₂ H ₂ :	x 1.04
(C) Town Gas:	x 1.54
(E) Ethylen	x 1.02
(H) Hydrogen H ₂ :	x 3.75
(M) Methane: CH ₄	x 1.33
(P) Propane C ₃ H ₈ :	x 0.80
(M) Natural Gas	x 1.25
(Y) MAPP-Gas C ₃ H ₄	x 0.81
(O) Oxygen: O ₂	x 0.95

1 bar = 14.28 psi
 1 bar = 100 kPa
 1 m³ = 1.31 cu.yd



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