Safety Device according to EN 730-1, ISO 5175

Modell: ***GG***

For Torch Side protection.

BAM Certified and under surveillence
Certification-No.: BAM/ZBA/002/08

DIN DVGW

Whether at the Flame Cutting machine or at Burner the compact design offers the possibility for installation with smallest possible space.

Safety features:

• Gas non-return valve	NV
• Flame arrestor	FA

Threads:

In accordance with EN 560, ISO 3253 or country specific 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

Gas-Types:

Acetylene (A), Town Gas (C), Ethylene (E), Hydrogen (H), Natural Gas (Methane) (M), Propane (P), Oxygen (O), Compressed Air (D)

Working pressure:

A 1.5 bar ; H 3.5 bar ; CEMP 5.0 bar ; DO 15.0 (20,0) bar

Measure and weight:

diameter:	21,00 mm
length:	57,00 mm
weight:	96 g

Maintenance:

The safety devices have to be tested by a qualified and authorised person at regular intervals according to country specific regulations. They have to be tested for gas tightness and gas return at least once a year.

Design:

Other materials and surface finishing on request.

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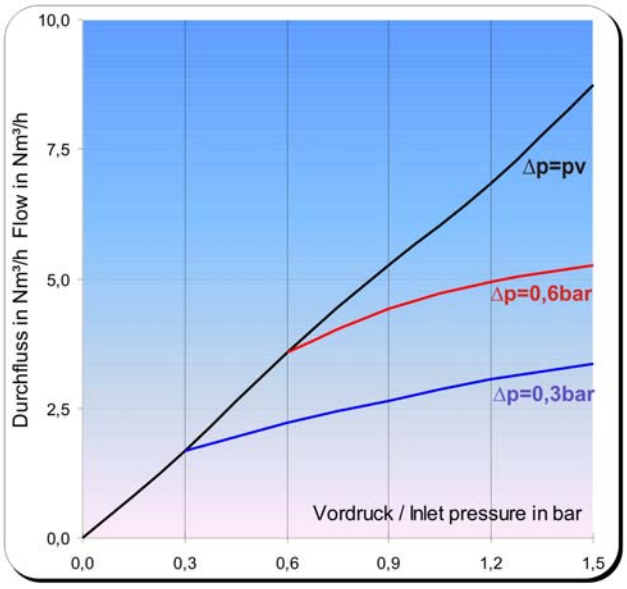
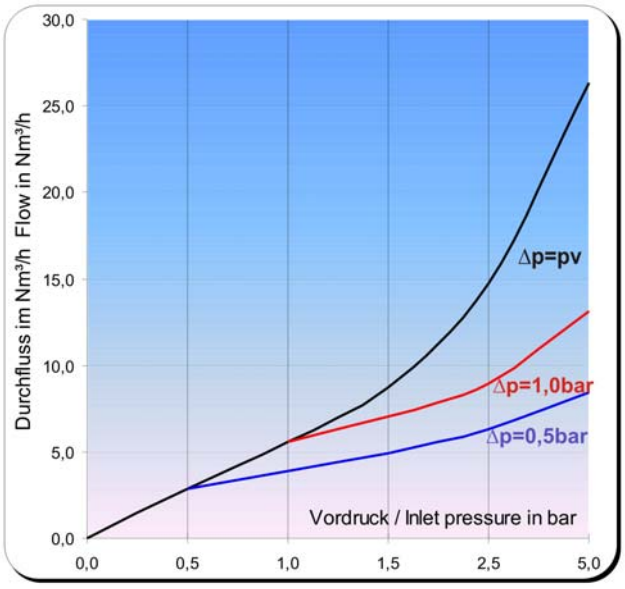
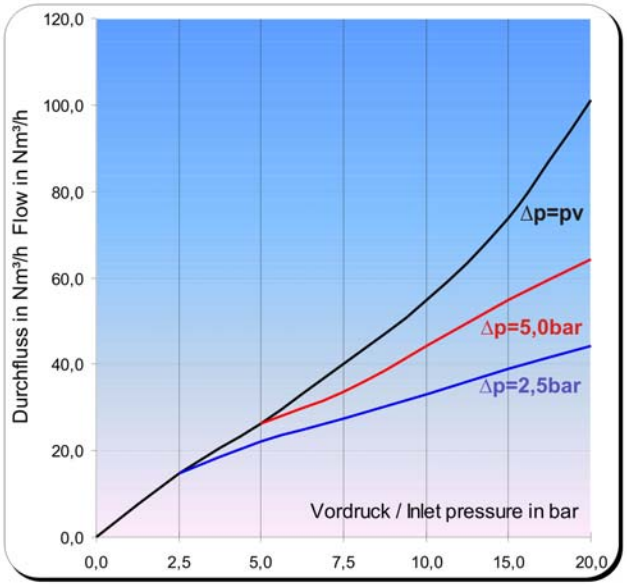
Flow rates:

pv = Primary pressure
ph = Secondary pressure
∆p = Primary pressure minus Secondary pressure







Conversion Factors

Gas type	Code
Acetylen	A
Oxygen	O
Hydrogen	H
Air	D
Natural Gas, Methane	M
Propane	P
Ethene	E
MPS	Y

Pressure units:		
1MPa	=	10bar
1bar	=	14,28psi
1MPa	=	1,428psi
1bar	=	100kPa
1m³	=	1,31cu.yd

Flow rate

Air	Air	1,00
Air	Acetylen	1,20
Air	Butane	0,86
Air	Natural Gas	1,25
Air	Methane	1,40
Air	Propane	0,90
Air	Oxygen	0,95
Air	Hydrogen	2,50
Air	Ethene	1,02
Air	MPS	0,81