

## Safety device with multiple function: **ATEX 10**

### Type ATEX 10 for protection of cylinder regulators and tapping points

The safety device ATEX 10 according to DIN EN ISO 5175-1:

- avoids dangerous gas mixtures by a gas non-return valve (NV)
- stops flashback through flame arrestor (FA)
- a temperature-sensitive cut-off valve stops the gas flow when a predetermined temperature is exceeded (TV)
- In the event of even of the smallest leakages, the vacuum valve cuts-off the gas flow immediately.
- a dust filter protects the gas non-return valve against contamination
- every safety device is 100% tested

#### Safety elements of the IBEDA safety device ATEX 10:

- NV Gas non-return valve
- FA Flame arrestor
- TV Temperature-sensitive cut-off valve
- Vacuum controlled gas cut-off

#### Additional features:

- DF Dust filter

#### Maintenance:

The safety devices are to be tested by a qualified and authorised person at regular intervals according to country specific regulations. The safety device is to be tested for gas tightness, gas flow and gas return at least once a year.

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

It is not allowed to open the safety devices.



Technical Data:			
<b>Gas types:</b>	Acetylene (A)	Hydrogen (H)	Natural Gas (M) Propane (P)
<b>Working pressure:</b>	0,15 MPa 1,5 bar	0,35 MPa 3,5 bar	0,50 MPa 5,0 bar
<b>Gas temperature:</b>	-20°C up to +70°C		
<b>Ambient temperature:</b>	-20°C up to +70°C		
<b>Threads:</b> EN 560, ISO / TR 28821	G 3/8 LH		
<b>Measure and weight:</b>	diameter:	length:	weight:
	89,00 mm	159,00 mm	1190,00 g
Applications:			
<b>Process:</b>	Injector burner	welding	cutting
		up to 14 mm	up to 200 mm

Other materials, surface finishing, gas types and additional connections available on request.

The safety devices according to DIN EN ISO 5175-1 which are integrated in the "ATEX" range are **BAM certified**.

#### Certification / Technical Standards / Rules

BAM Federal Institute for Materials Research and Testing, UL Underwriters Laboratories Inc., DGUV employer's liability insurance association rules and regulations, DVS German Association for Welding, Cutting and Allied Processes, TRBS German Technical rules for operation safety.

#### Standards/ Approvals

Company certified according to ISO 9001:2015 and ISO 14001:2015,  
CE-marking according to: Pressure Equipment Directive 2014/68/EU

(Subject to change without notice)