

# Safety device with multiple function: ATEX 20

# Type ATEX 20 for protection of cylinder regulators and tapping points

The safety device ATEX 20 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

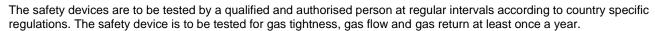
## Safety elements of the IBEDA safety device ATEX 20:

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



DF **Dust filter** 

### Maintenance:



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:** Natural Gas (M) Gas types: Acetylene (A) Hydrogen (P) Propane 0.15 MPa 0.35 MPa 0.50 MPa Working pressure: 1,5 bar 3.5 bar 5,0 bar Gas temperature: -20°C up to +70°C **Ambient** -20°C up to +70°C temperature: Threads: EN 560, G 3/8 LH ISO / TR 28821 Measure and weight: diameter: length: weight: 184,00 mm 1420,00 g 89,00 mm Applications: Process: 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)



