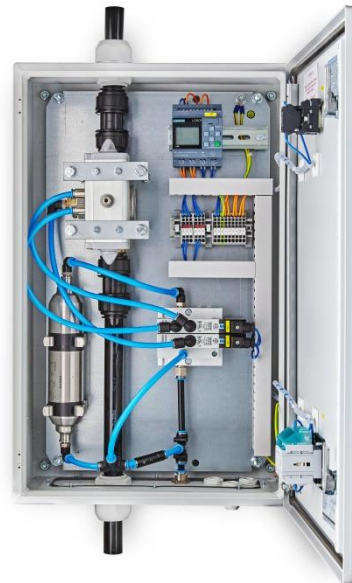


## BlowOff Maintenance module for Aspiration Smoke Detector (ASD) BO 2.1 HDBV 24 V DC LOG



### Improves economic efficiency and safety of ASD!

Aspiration Smoke Detectors (ASD) are highly sensitive sensors for early fire diagnosis in the modern fire prevention.

They are aspirating constantly air from production facilities and warehouses, therefore unwanted dust deposits in the sensor pipe's admission ports are inevitable which reduce the quality of surveillance.

**BlowOff** works in the background – blows automatically freely – and prevents among other things blockages of the admission ports:

- existing pollutions are removed, new deposits are prevented!
- continuous airflow to ASD is improved
- prevention of malfunction alerts

### Advantages of BlowOff at a glance:

- compatible to all professional ASD equipment
- easy installation in very short time
- integrable and retrofitable, maintenance-free
- adjustable automatic cleaning intervals
- constant operational availability of ASD
- improved security for employees, goods, buildings and environment

### Ausgewählte Anwendungsbereiche:

- heavy, automobile timber and chemical industry
- recycling industry, incineration plants
- suspended, closed ceilings and areas difficult to access like high bay warehouses

## TECHNISCHE DATEN BlowOff

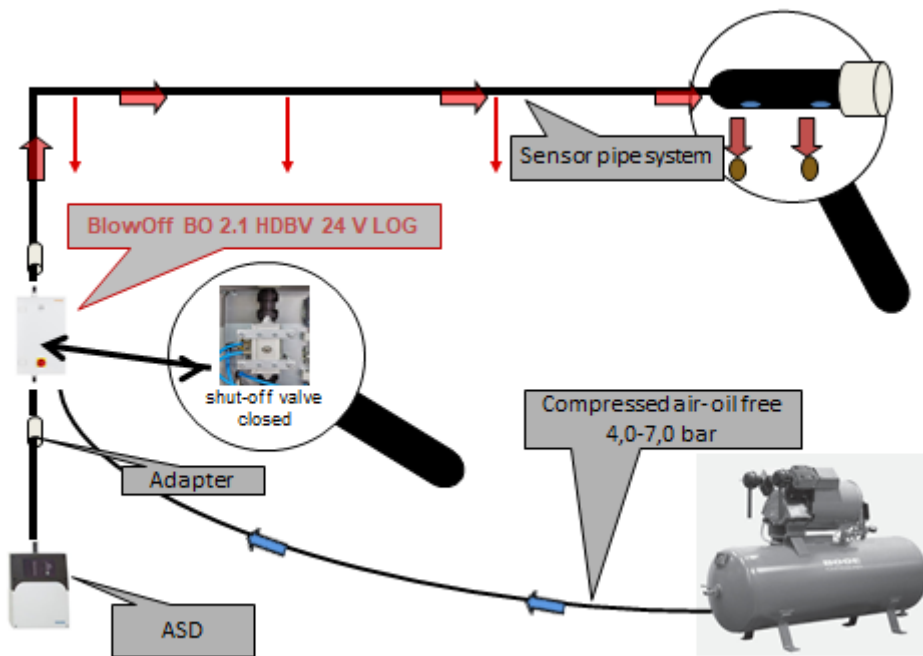


Figure : Air-blast process with **BlowOff**

Air-blast module	compatible with all current Aspiration Smoke Detectors with sensor pipe, retrofitable
Casing	metal / RITTAL / IP 65 / RAL 7035 structured
Electrical connection	24 V DC ; from 0,08 to 2,5 mm <sup>2</sup>
Valves	Elektronic (FESTO) – operating and air-blasting Pneumatic (FESTO) – 3-way ball, Backbone
Compressed air connection	max. 7.0 bar, using a quick compressed air coupling, oil-free and dry
Pipe connection	easily accessible from outside /quick to install
Sensor pipe/suction pipe	28 mm Ø outside / Adapter to 25 mm available
Input contacts	1. unscheduled air-blast 2. deactivate air-blast
Output contacts	1. signal contact to the ASD 2. output contact to the ASD 3. control of compressed-air (optional)
Protection class	IP 65 standard version protection against contact with voltage-carrying parts, protection against ingress of dust and water jet
Operating temperature	from -5° C to +40° C without heating from -20° C to +40° C with heating (optional)
Assembly	simple wall mounting with external brackets (4 mounting holes with M8-dowels)
Dimensions	W x H x D 600 x 380 x 210 mm
Installation	dedicated for usage inside of buildings, normal environmental conditions, without acidic ambient air
Steuerung	SPS – autotimer (Siemens LOGO!); user manual separately
Air-blast times	pre-programmed at the factory: 4 times per day (1:00 am, 7:00 am, 1:00 pm, 7:00 pm) or in individual intervals
Optionally:	
Cabinet heating	adjustable, mounted inside of the casing with thermostat
Control of compressed air	control, whether pressure is applied

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