

BOGE leak stop (BLS)

Big in energy savings

Losses due to leaks occur in every compressed air system – whether that be at pipe and hose connections, defective float traps or other weak points. The smartest way of putting a stop to compressed air losses is the BOGE leak stop (BLS) – a totally maintenance-free, flexible programmable system capable of saving the equivalent of a full compressed air receiver each day!

**COMPRESSED
AIR ENERGY
SAVER**



The after-work savings programme

In order to effectively limit energy and operating costs, the BLS effectively turns off the tap on the compressed air receiver at the end of each shift. This happens automatically – and can be adjusted to the working hours in your company. The ball valve then releases the compressed air outlet at the set start time of the shift, keeping the compressed air stored and the compressor and components pressure balanced.



All about the settings

The illuminated LCD provides clarity and simple operation in a range of pre-installed languages. The smart programming function is designed for up to 16 timer switches per day, 7 days a week – so the BLS will be able to adjust to your company's working patterns, no matter what they are. Once programmed in, the settings are saved and protected thanks to the unit's AAA batteries. And should there ever be a power cut, the BLS can also be opened and closed manually.



Everything taken care of

In addition to time-controlled activation, the BLS can also be "remote-controlled" manually. This is operated by the optional extra remote on/off switch (incl. 5 m cable set) – ideal, for example, for vertical containers with a high outlet and containers higher up. Perfect for an unplanned additional weekend shift where you do not want to have to reprogram the system – just flick the switch to open the compressed air connection.



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Saving energy is one thing, and the BOGE leak stop does that consistently. But you can also expect further savings: unnecessary compressor starts outside operating times are prevented, all drying and filtering activities are reduced and the service life of the compressor is extended. This reduces energy and operating costs as well as servicing needs, and maintenance cycles are optimised effectively.



Quick installation and completely maintenance-free

The BOGE leak stop is as practical as it is reliable: it is easy to install and does not require any maintenance thanks to its high-quality materials – a stainless steel ball and a brass alloy valve. But most important of all: there is no pulsation in the compressed air network thanks to the gradual valve opening, meaning treatment components are protected.



Technical data

| BOGE leak stop | BLS 1 | BLS 2 |
|------------------------------|---|---|
| Pressure range | 0–16 bar | 0–16 bar |
| Voltage / frequency | 115 V 50/60 Hz 230 V 50/60 Hz | 115 V 50/60 Hz 230 V 50/60 Hz |
| Opening/closing time | 30 sec / 90° | 105 sec / 90° |
| Fluid temperature | +1°C to +100°C | +1°C to +100°C |
| Ambient temperature | +1°C to +50°C | +1°C to +50°C |
| Display | Illuminated LCD | Illuminated LCD |
| Programmable options | Weekly planner: up to 100 switching points per week, max. 16 switching points per day | Weekly planner: up to 100 switching points per week, max. 16 switching points per day |
| Connections for inlet/outlet | 1" | 2" |
| Material of valve housing | Brass; nickel-plated | Brass; nickel-plated |
| Manual operation option | Yes | Yes |
| Protection type | IP 54 | IP 54 |