

It is better to prevent than...

SCORPIO

Raw material leakage monitor BLOW-1



The device, that allows you
to minimize failure costs
and machine downtime
caused by raw material leakage
from injection nozzle

B L O W o f s a f e t y



Main advantages of BLOW-1 device:

- Operational reliability
- Effectiveness
- Simplicity of design
- Maintenance-free operation
- Easy assembly on any machine



BLOW-1 is designed by SCORPIO in response to customers expectations regarding problems with raw material leakage effects from the injection nozzle of machine injection unit.

Thanks to detailed study of the topic, the device distinguishes by a high level of operational reliability and absolute effectiveness in leaks detection. It allows to control alarm signal and (via potential-free contact) to stop injection moulding machine.

B L O W o f s a f e t y



The functional principle of BLOW-1 is very simple: compressed air flows through internal measuring system and is pushed out through attached copper capillary tube near the nozzle of machine injection unit.

Potential raw material leakage clogs the tube, internal flow measurement system enters the alarm state and stops the injection moulding machine.

The speed of air flow is reduced, so there is no risk of material cooling and “circumnavigating effect” of the control tube.

The device works properly at the range of compressed air 3-9 bar. Air consumption is up to 2 liters per minute.

BLOW-1 is delivered to the Customer as the installation kit, that can be easily installed on any machine within approximately 30 minutes.

Small size (120mm x 110mm x 62mm) allows for trouble-free fixing of BLOW-1 in almost any selected place on the machine. Owing to built-in neodymium magnets there is no risk of device collapsing.



Simplicity of construction and unusual, innovative solutions, allowed us to create a perfect device at very reasonable price.