

It is better to prevent than...

SCORPIO

Raw material leakage monitor BLOW-4



Device, that lets you
minimize failure costs
and machine downtime
caused by raw material leakage
in the installation space
of mould hot runners

BLOW of safety



The main advantages of the BLOW-4 monitor:

- four independently controlled air flow channels
- operational reliability
- high performance
- simplicity of design
- maintenance-free operation
- possibility of DIY assembly on any machine
- negligible air consumption



BLOW-4 is an independent four-channel controller detecting raw material leakages in mould hot runner installation space. It is constructed by our company team in response to customers' problems with raw material leakage in small hot runner moulds. Thanks to thorough study of the problem, we created a reliable device with absolute efficiency of leaks detection. It allows to control (via potential-free contacts) the alarm signal and stop the machine operating in case of leakage detection.

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



The operating principle of BLOW-4 monitor is very simple: compressed air flows through internal measuring system and is blown out through thin copper capillary tubes_nearby places, where raw material leakage can appear. In case of leakage raw material stuffs up the tube and internal flow measurement system activates alarm state, stopping the machine. Airflow speed is significantly reduced, so there is no risk of leaked raw material cooling and effect of „flowing around” the control tube.

Once installed, BLOW-4 does not require any adjustment, setting or programming. It provides full performance immediately after switching on. The range of air pressure required is 2-8bar. Air consumption – approximately 1 litre per minute.

The device is delivered to a customer as a DIY assembly kit. No special tools needed.

Neodymium magnets mounted in enclosure supports provide steady and firm attaching to any side of mould without risk of dropping out.



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