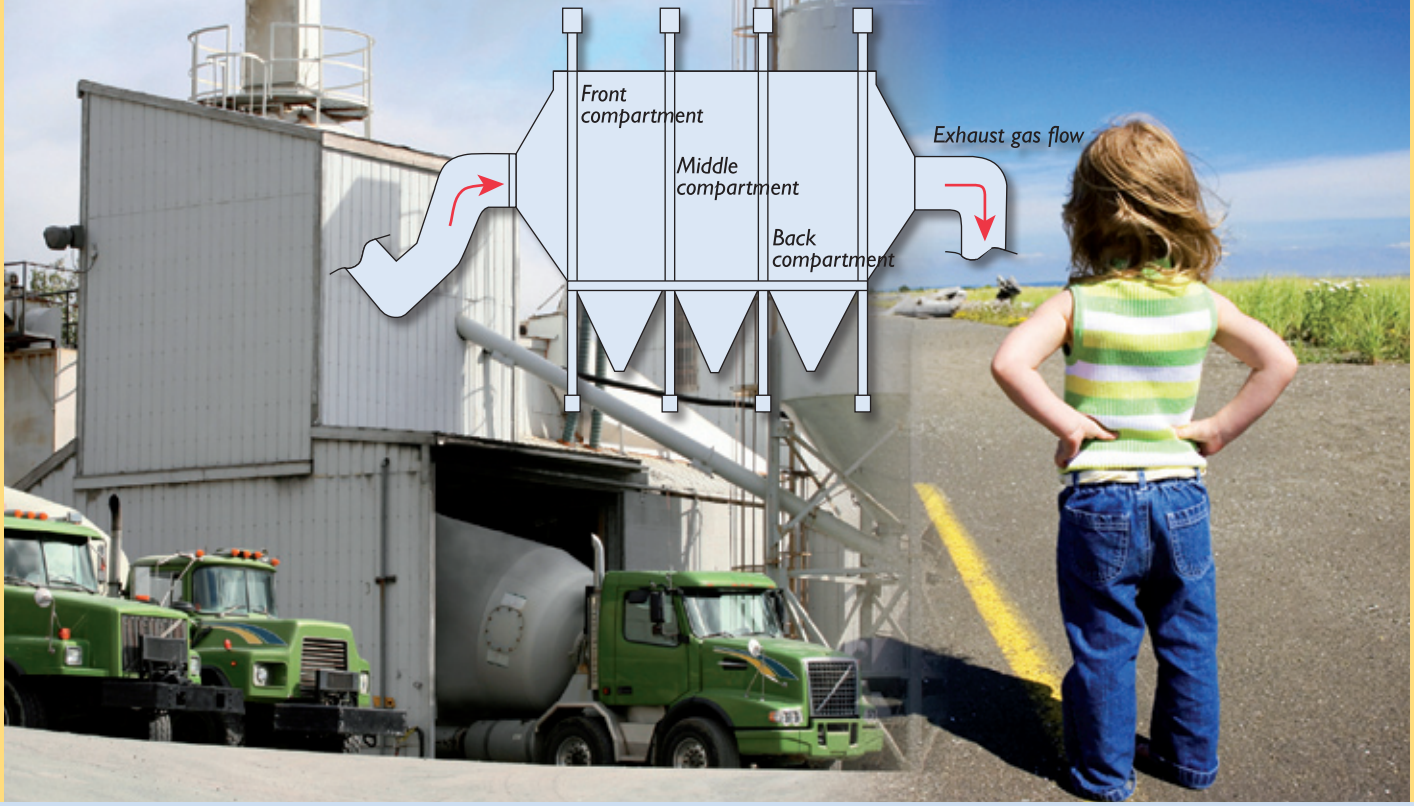


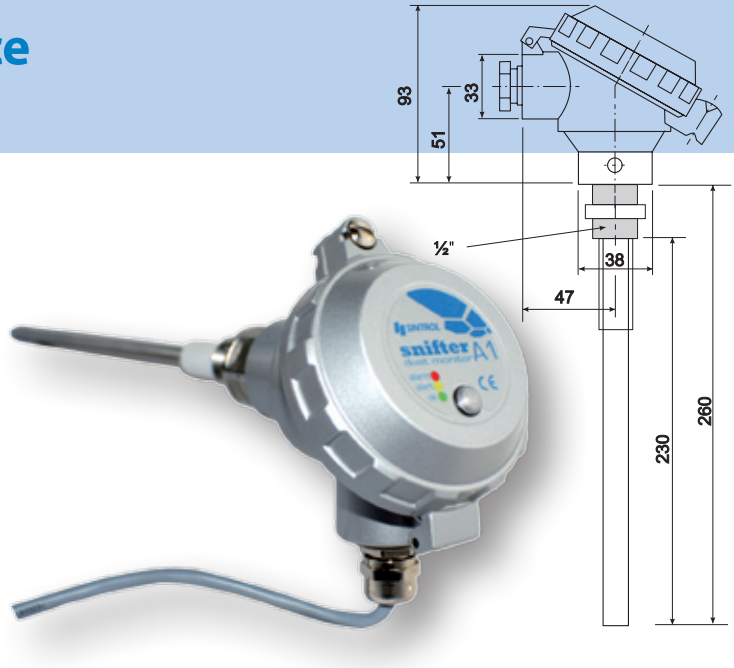
Have you ever thought what filter damage may do to your business?

- ***Filter failure** – lower yields and lower product quality cause extra costs*
- ***Damaged filter** – higher emissions to the atmosphere and extra costs due to heavy fines*
- ***Filter breakup** – possible risk to the work environment and personnel*

Sintrol Snifter is developed and designed especially for filter leak detection.

SINTROL

Sintrol Snifter – perfect choice for filter break up detection

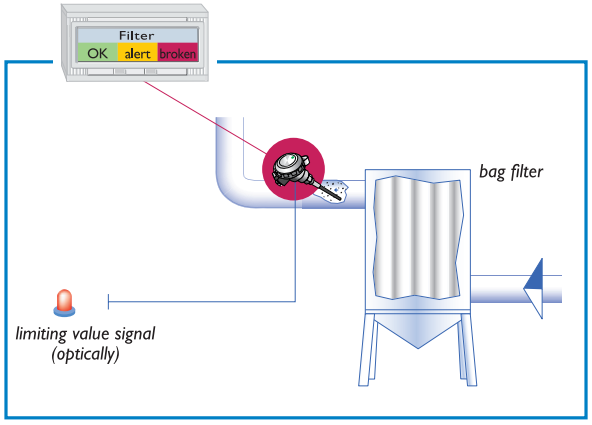


- **Low-Cost**
- **Broken Bag Detection**
- **Self Adjusting**
- **No Drift**

Snifter is used to detect filter bag breakage quickly and cost-effectively. It is a compact device consisting of an enclosure housing state of the art electronics and a probe.

Snifter utilises Sintrol's automatic setup function. With this function, it can adjust itself to dust flow conditions in your application. It is equipped with two alarm relays. The first alarm is activated when the dust concentration exceeds a reference level by five times and the second by 20 times. A three-colour LED provides optical information about the condition of the filter:

Green => OK, Yellow => 5x normal and
Red => 20x normal.



Snifter has the necessary sensitivity to meet the low levels of dust concentrations typical of modern fabric filters. It is reliable enough both in terms of operating continuously without maintenance, and in being able to run despite vibration and build-up on the probe. It is able to respond quickly enough to meet the requirements of bag filters.

The alarms can also be used for process control (as an ON-OFF system) in FLOW – NO FLOW situations in bulk solids handling and pneumatic transport applications. Very fast response time, a typical characteristic of this instrument, enables early detection and prevention of expensive product loss to the environment.

Technical Specifications

Sensor	
Measurement objects	Solid particles in a gas flow
Particle size	0.3 µm or larger
Measurement range	from 0.1 mg/m^3
Temperature	Max. 140 °C
Pressure	200 kPa
Gas velocity	Min. 4 m/sec
Humidity	95% RH (non-condensing)
Measurement principle	Triboelectric AC signal
Damping time constant	1 – 300 s
Output signals	2 solid state relays (170 mA / 200 mA if only one output)
Ambient temperature	-20…+60 °C
Sensor rod	Stainless steel (230 mm)
Enclosure / casing	Aluminium
Protection category	IP 65
Power supply	12 – 24V DC
Power consumption	3W
Cable connection	2 meter cable - 4 pair - screened
Installation	1/2" thread
Weight	Approx. 0.7 kg

Distributor:

Printed in Finland 3.9.2008