AN104 SPARK DETECTION SYSTEM

FEATURE RICH - VALUE PRICED

FM APPROVED

CE

All the features of large sophisticated spark detection controls (and more) in a low cost, single dust collector system.

- through the lens detector sensitivity testing
- huge timed event history memory
- detect / spray ; detect / shutdown-abort capable
- baghouse deluge control - heat detector input
- supervision of all inputs and outputs (including damper solenoids)
- highly sensitive detectors available in standard, high temperature and explosion proof
- totally field configurable
- universal power supply & selectable alternate language

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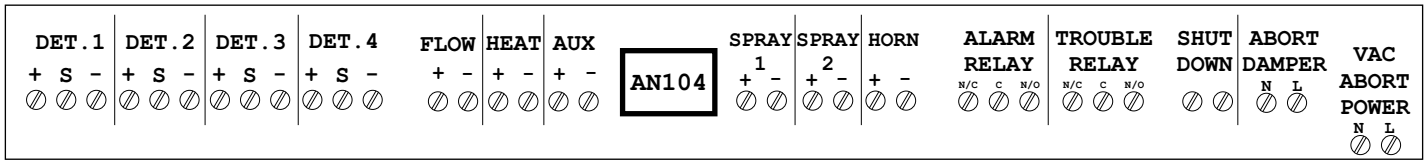
Spark Detection Systems are employed in pneumatic or conveyer transport systems. Transport of finely divided, combustible material poses significant risk for fires or explosions. Spark detection systems are employed extensively where sawdust, celulostic fibers, chemical dusts, pharmaceuticals, food ingrediants or other combustible materials are transported. They are also employed on welding fume exhaust systems where smoldering particles of hot material can be transported along with fumes.



Ease of installation is a hallmark of the AN104. It is designed to be installed by local trades people. The system requires an AC input (110-250 VAC 50/60 Hz) as well as low voltage (24 VDC) wiring to the input and output devices. It also requires a supply of water at 3.5 to 7 Bar or 50-100 PSI and capable of supplying 74 litres per minute or 19.5 US gallons per minute. All wiring at the control panel is via plug-in DIN connectors and detectors are fitted with a pre-wired connector.

Testing is sophisticated and simple with through the lens detector sensitivity and activation of all outputs from the keypad. A complete time stamped history of all events is also readily viewable.