

# AN6400 SPARK DETECTION SYSTEM



A Spark Detection System is used in pneumatic particle transport systems where there is a potential for fires or explosions. These material transport systems include sawdust, cellulosic fibers, chemical dusts, food ingredients, pharmaceuticals or other combustible materials. They are also employed on welding fume exhaust systems where smoldering particles or hot material can be transported along with the exhaust fumes.

The AN6400 is fully expandable up to 64 zones, yet is competitive even for single zone systems. The modular design ensures you pay for only what you need.

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Each zone has its own processor and therefore adding zones doesn't slow down your system. And, with intelligent zones, there is no need for a huge central control unit when you have only one or two zones. Adding zones is very simple. The zone modules simply snap onto DIN rails and all wiring is connected via convenient, plug-in connectors.

The AN6400 is the most powerful and versatile system available. Each of up to 64 zones monitors and can individually identify each spark detector in the zone. Each zone can also monitor water flow switches, water pressure switches or water line heating systems as well as heat detectors. When a spark or heat alarm is detected, the system can initiate a variety of responses such as spraying water, closing an abort damper, shutting down the dust collector, etc.

The AN6400 stores all events in memory, stamped with the time and date of the occurrence. You can conveniently scan through these on the bright LCD display of the control panel.

And, Hansentek's AN6400 can automatically perform a functional sensitivity test on every spark detector. Detectors mounted opposite each other can manually or automatically perform a functional sensitivity test under actual operating conditions – across the entire width of the duct and through both lenses.



All these powerful features are standard - not high cost options.