



Practical solutions...at every level!

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OnTheLevel

July 2011

Practical Tech Tip

A long-lasting, reliable option for a 12/24 VDC low-voltage level indicator

Many companies have implemented or may be thinking about implementing a 12/24 VDC facility-wide low voltage power environment. Some level instrumentation manufacturers offer bin level indicators with 12 or 24 VDC options. However, these indicators use DC motors that are not specifically designed to run continuously and therefore do not provide the reliability or longevity required for trouble-free, cost effective operation.

Monitor Technologies applied a design change in its 12 and 24 VDC rotary paddle bin level monitors that incorporates an AC motor that insures functional reliability and long operational life. Monitor's 12/24 VDC rotary paddle models include electronics that convert the 12/24 VDC power source to 6 VAC energy that is used to operate a 6V AC motor. The change dramatically improved the longevity and dependability of these models and made them a cost effective solution for process oriented systems requiring a low voltage power source and minimal installation cost.

Visit the Literature Section of Monitor's Web site (www.monitortech.com) to download a pdf of Bulletin #226A that further explains Monitor's DC powered rotary paddle level switches.

-or-

Visit Monitor's Level Measurement blog at <http://monitortech.typepad.com> for more information on this topic.



Model KA / KAX



6 VAC Motor used in
12/24 VDC Model KA / KAX

For more Model KA / KAX product information, please visit www.monitortech.com

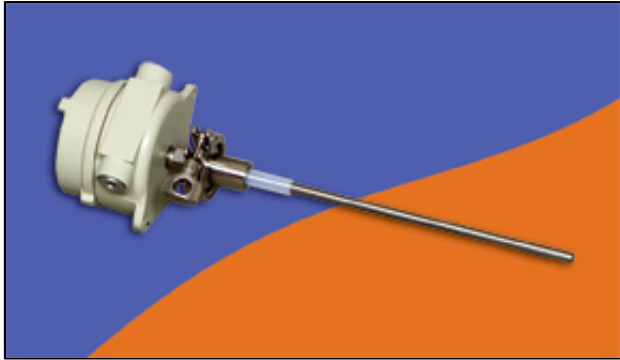
Word of the Month

AUTODIDACT

(aw-toh-dahy-dakt)

Meaning: A self-taught person.

Product Showcase



DustAlarm® Protects Filter Media & Blowers In Dust Collection Systems

Monitor Technologies' DustAlarm® particle emissions detector or "broken bag" detector is designed to detect filter failures and leaking filters in the exhaust ducts of bag houses, cartridge collectors, cyclones and other dust collection systems containing filters which may break or wear out with time.

The DustAlarm broken bag detector uses time-proven triboelectric technology to continuously monitor the level of dust emission in dust collection system exhausts. When an increase in emission level exceeds the user adjusted setting an alarm is triggered as indicated by the unit's output relay changing state. The DustAlarm has a unique extended insulator to guard against material build-up problems, as well as, a unique quick-disconnect mounting coupling to provide quick and easy installation and maintenance when needed.

For more DustAlarm® product information, please visit www.monitortech.com

News from Monitor's Customer Service



E-mail Addresses for Quote Requests and Orders

To ensure quick response times, Monitor's customer service department has created separate domestic and international e-mail addresses to receive quotes and orders.

The e-mail addresses are:

orders@monitortech.com for Domestic Quote Requests & Orders

exportorders@monitortech.com for International Quote Requests & Orders

We appreciate all of your support!