Turn your ideas into money. If we print your application story idea, you will receive a reward. Contact Alex Orson at Monitor Technologies. aorson@monitortech.com

Information provided by:
Mike Sahly, Sahly/Anderson & Associates
(Monitor Technologies LLC Representative)

An extruder company located in South Chicago Heights, Illinois was recently dazzled by a demonstration of the capabilities of the Model PZP Vibratory Point Level Sensor. The customer was so impressed they insisted on keeping the demo until the PZP unit they ordered was delivered.

At this facility the company manufactures portion packaging, primarily for dairy creamers. The PZP was installed on a blender hopper as a high level alarm and shut-off. The light-weight material in the hopper is polystyrene flake regrind.

Initially, the customer was resistant to the PZP. They tried a proximity switch, but the sensor would get covered with dust, resulting in false material level sensing and the hopper would overfill. Similar problems were encountered with a rotary paddle unit. Occasionally the paddle would simply carve a hole in the material instead of stopping.

When the sensor failed, the auger would backfill and jam. Because the material is in a blender hopper, overfilling affects the proportional mix of the material. This leads to bad products. When an overfill occurs, the extrusion line would have to be shut down for approximately an hour before it could be restarted. At 2,000 pounds per hour through the extrusion line, this shut down was costing the customer serious money.

After installing the demo unit, a split-architecture PZP was ordered. Split-architecture was ordered due to the high vibration in the sensing area.

The PZP is ideal for light-weight applications due to its exceptional sensitivity to materials as light as 1.5lb/ft^3. The vibrating probe principle can eliminate problems associated with temperature, humidity and material changes, while providing state-of-the-art electronic reliability and accuracy.▼

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News Briefs

NEW Versatile RF Capacitance Point Level Sensor

The **TrueCap**® Model MK-2 RF Capacitance Point Level Sensor from Monitor Technologies has been redesigned. In addition to the reliable attributes associated with the **TrueCap** line, the Model MK-2 boasts several exciting new features.

This redesign gave the MK-2 a new look. The new housing features a twist on/off cover, local visual indication and dual conduit entrances for easier wiring access.

With the new universal power supply, the MK-2 has the ability to accept either AC and DC voltages ranging from 48-240 VAC or 24-48 VDC.

As before, the Model MK-2 incorporates several features to make it one of the most reliable point level sensors in the market. Some of these features include high sensitivity, automatic build-up immunity, pushbutton calibration and automatic temperature compensation.

The Model MK-2 is available with both Class I and II Hazardous location approvals allowing one model to serve virtually any application. For ordinary locations, the MK-2 has the CE Mark.▼

WE NEED YOUR INPUT!

Monitor's Representative survey is going on right now! To participate in this anonymous survey, log onto Monitor's website. The survey is available until June 17th.
http://www.monitortech.com/RepSurvey

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