

Polaron introduces flush pressure transducers with back-end display

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The latest member of Polaron Component's range of Schaevitz pressure transducers has a flush diaphragm and a digital back-end. The new P380 series are ideal for applications requiring a high level of hygiene, such as in the food processing and pharmaceuticals industries.

Their fully flush design and absence of crevices or tight angles mean that material cannot become trapped. Also, as the transducers do not contain a silicone oil fill, there is no risk of contamination in the unlikely event of the diaphragm rupturing.

Operation is made easier since the back-end, while providing a standard analogue output, incorporates a digital LED display. Push buttons for setting zero and span are included, which enables the sensors to be recalibrated on site. This means that a smaller range of transducers can be stocked.

"Like all our Schaevitz transducers," said Polaron Components' Steve Couchman, "the P380 series have a high over-range pressure, which enables their full working range to be used without worrying about pressure spikes."

Available in Hastelloy or Inconel, the transducers are easy to clean and disinfect, and can be steam cleaned at up to 150 deg C.

Areas of application include the food processing, beverage, pharmaceutical, biotech and paper industries, as well as ship-borne uses such as ballast sensors.

-ends-

Photo caption: Flush diaphragm pressure transducer from Polaron Components, with digital readout for ease of operation.

Notes to editors

Polaron Components is recognised worldwide for its specialist sensors and switches. These are widely used in the most demanding applications, including in defence, aerospace, offshore, process industry, rail, security and medical equipment.

Parent group Polaron plc has recently floated on AIM, the Alternative Investment Market. The group is expanding rapidly, both organically and through acquisition.

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