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HONEYWELL UNVEILS NEW PRESSURE SENSOR SOLUTION FOR HVAC AND REFRIGERATION EQUIPMENT

Honeywell's Latest Heavy Duty Pressure Transducers Provide a Durable and Cost Effective Solution for Accurate System Pressure Monitoring

Fort Mill, S.C., Mar. 23, 2016 – Honeywell (**NYSE: HON**) today released a new series of heavy duty pressure transducers for facility heating, ventilation and air conditioning (HVAC) and refrigeration equipment. The new PX3 Series transducers enable industrial HVAC and refrigeration equipment manufacturers to better monitor system pressure and performance, which can potentially help to reduce energy costs associated with these systems.

Customers benefit from durable sensors that remain accurate and reliable even in harsh conditions found in refrigeration systems. With an external freeze/thaw resistance from -30 to 50 °C (-22 to 122 °F), the PX3 Series transducers provide rugged environmental specs, including insulation resistance, dielectric strength and freeze-thaw resistance. The sensors perform reliably in the presence of electro-magnetic fields such as near wireless signals, radio frequency (RF) communication and electrical devices.

Featuring a tight total error band (TEB) of ± 1.0 percent full-scale span, the PX3 Series transducers help to improve a system's uptime and efficiency. The TEB accuracy specification provides comprehensive, clear and meaningful indications of the sensor's true measurement performance over a specified temperature range in HVAC and refrigeration equipment.

The sensors are designed to provide continuous monitoring of compressor outlet pressure, chiller outlet pressure, evaporator coil outlet pressure and cooling tower supply pressure. The highly-accurate output is useful to help the facility manager better optimize building automation controls and efficiencies.

(More)

2-PX3 Series

The PX3 Series features a pressure range of 1 bar to 46 bar (15 psi to 667 psi). The configurability of the PX3 Series' pressure reference, media seal and port type provides design engineers with application flexibility.

The PX3 Series are compatible with common hydrofluorocarbon (HFC) refrigerants and many next-generation low global warming potential refrigerants, as well as petroleum oils, lubricants, air, water and hydraulic fluids. They can be used in a variety of applications, including compressors and rooftop chillers as well as refrigeration systems in grocery stores. Other potential applications include heavy-duty transportation, including air systems and hydraulic oil pressure monitoring.

Quote

Joshua Edberg, director of packaged sensors, Honeywell Sensing and Productivity

Solutions: "HVAC companies and building operators are focused on reducing energy costs and increasing building automation efficiencies, and they shouldn't have to worry about sensors failing or providing inaccurate measurements. The new, heavy duty PX3 Series transducers are very durable and consistently accurate, enabling manufacturers to deliver top performance at an affordable cost."

Supporting Resources

- Learn about the new [PX3 Series Transducer](#)
- Read more about [Honeywell Sensing and Productivity Solutions](#)
- Follow [@HONSensorSwitch](#) on Twitter and find Honeywell Sensing and Productivity Solutions on [LinkedIn](#)
- Watch the Honeywell Sensing and Productivity Solutions [YouTube Channel](#)

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About Honeywell Sensing and Productivity Solutions

Honeywell Sensing and Productivity Solutions (S&PS) is a global leader providing custom-engineered sensors, switches and controls, and productivity solutions built around our high performance data

2-PX3 Series

collection hardware including rugged mobile computers, voice-enabled software, bar code scanners, radio frequency identification (RFID) and workflow printing solutions. Our solutions serve customers in aerospace, automotive, field service, healthcare, industrial, manufacturing, medical, retail, supply chain, test and measurement, and transportation and logistics markets. We provide unparalleled precision and durability that improves efficiency, increases operational productivity and enhances customer service capabilities. For more information on Honeywell sensing products, visit <http://sensing.honeywell.com> and on Honeywell productivity solutions visit <http://www.honeywellaidc.com>.

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