

Kavlico Releases LPG & CNG Alternative Fuel Pressure Sensors



Moorpark, CA - Kavlico, a global business unit of Custom Sensors & Technologies (CST) has recently released a line of Liquefied Petroleum Gas (LPG) and Compressed Natural Gas (CNG) pressure sensors to support vehicles and industrial equipment utilizing alternative fuels – a growing market around the world.

Alternative fuels are no longer a novelty but a bona fide alternative to gasoline and diesel fuels. These fuel options are being adopted by municipalities and other governmental agencies as an option for fleet vehicles such as cars, buses, truck, and other service vehicles such as fork lifts.

Typical applications would include monitoring and measuring low pressure for fuel rail, high pressure for tank pressure, or combined pressure and temperature. The sensors are utilized to optimize fuel metering and control combustion, improving emissions and engine performance. The OEM will design in a Kavlico fuel rail sensor to measure the absolute pressure of the fuel at the inlet of the injectors.

Kavlico's robustly designed stainless steel LPG & CNG sensors utilize a thin film (TiON) sense element and are available in pressure ranges up to 250 BarG. Operating on 5 Vdc, the sensors provide a linear amplified analog output of 0.5 to 4.5 Vdc proportional to pressure. Operating temperature range is -40°C to +140°C across the full operating range. The lightweight sensor can be configured with a variety of electrical and process connections to meet each OEM's application specific requirement.

About Kavlico

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Kavlico is an operation of Custom Sensors & Technologies (CST). Kavlico is a leading manufacturer of pressure, position (LVDT & RVDT), force, level, tilt, media quality, and other specialty sensors, and transducers for the transportation, industrial and aerospace & defense markets. www.kavlico.com

About Custom Sensors & Technologies

Headquartered in Moorpark, CA, Custom Sensors & Technologies (CST) unit is comprised of the industry-leading brands of Crouzet, Kavlico, Crydom, as well as the former divisions of BEI Technologies, including Newall and Systron Donner. CST provides sensors, controls, and actuation products for the transportation, industrial and aerospace & defense markets. www.cstsensors.com

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