

Fuel Sensors



Gentech is a leading supplier of fuel level sensors to key truck, bus, agricultural and construction OEM's

Founded in 1969 by the American company Gordos Corporation as a reed switch manufacturer, Gentech is still a thriving concern more than forty years on retaining a strong relationship with many companies in the United States. Today Gentech manufactures liquid level, flow and position sensors. Gentech has moved on from a reed switch supplier to being a sensing solution provider.

Over 95% of US manufactured trucks have a Gentech sensor installed in them.

Quality products, on time deliveries and exceptional customer service are central to Gentech's proud success. Its well established global sales network allows Gentech to meet customer's system needs with innovative, reliable and economic solutions.

Gentech has launched a new range of fuel level sensors. The proven reliability of reed switches are the ideal solution for the Gentech fuel sensor range. Perfect for the operation in the harshest of environments they have gained a world leading reputation for robustness. Manufactured in high grade stainless steel they can also be used in water, coolant and oil. To protect against voltage inside the tank all the sensors are fully insulated.



Fuel Sensor Type 1

Vertically mounted fuel sensor and fitted with a threaded connection. Manufactured in 316 stainless steel and is rated to IP67. Low level alarm can easily be fitted.



Fuel Sensor Type 2

Vertically mounted fuel sensor and fitted with a 5 SAE header. Manufactured in 316 stainless steel and is rated to IP67. Low level alarm can easily be fitted.



Fuel Sensor Type 3

Vertically mounted fuel sensor with a 5 SAE header. Manufactured in 316 stainless steel. Incorporates suction and return tubes and fuel filter. Low level alarm can easily be fitted.



Features and options

The Gentech design team have worked extensively with manufacturers and OEM's globally and we are available to work with you on your specific application. The features and options available are as follows:-

- Available with or without suction and return tubes.
- Optional fuel filter.
- Threaded or 5 SAE connections.
- Available up to 1.2m in length.
- Can be supplied with stripped cabled for you to fit your own connector.
- Suitable for operation up to 85°C.
- Analogue output.

Benefits

- Long trouble free service as the system is based on proven reed switch technology.
- Standard fuel sensor range that can be quickly tailored to your requirements.
- You pay for what you require. You can have the sensor with or without suction tubes and filter.
- Flexibility of use. The fuel sensors can be use in a range of different liquids.



Customizable size and length

We are able to modify the height and length of the sensor to accommodate tank geometry.



Integrated feed and return connections

The overall fuel system is simplified, by incorporating suction and return tubes fuel, into the header.



Mounting Options

Choose from threaded or 5 SAE fitment options.



Wiring

The sensors are available with stripped cables for you to fit your own connector.



Filtration

Optional filtering system prevents unwanted particles being fed into the fuel system.



Engine Control Unit interface

Optional incorporated compact connector for quick and easy assembly to the wiring harness.

Gentech

SENSING SOLUTIONS

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Automotive Sensors



SCR Sensors

For DEF/AdBlue® tanks. Externally mounted level sensors with optional quality sensing.



VCS Series

For coolant expansion tank. Externally mounted sensor with cable or connector.



LCS Series

For windscreen washer bottle. Push fit externally mounted level sensor, with cable or with integral connector.



PSS Series

Shunt Sensor for handbrake, seat and footbrake position. Surface mount with cable or with connector.



PI Series

Hood tilt switch. Surface mount non mercury tilt switch with cable or with connector.

Designing sensing solutions today,
for tomorrow's application demands...