

FOZMULA

INNOVATION IN SENSORS



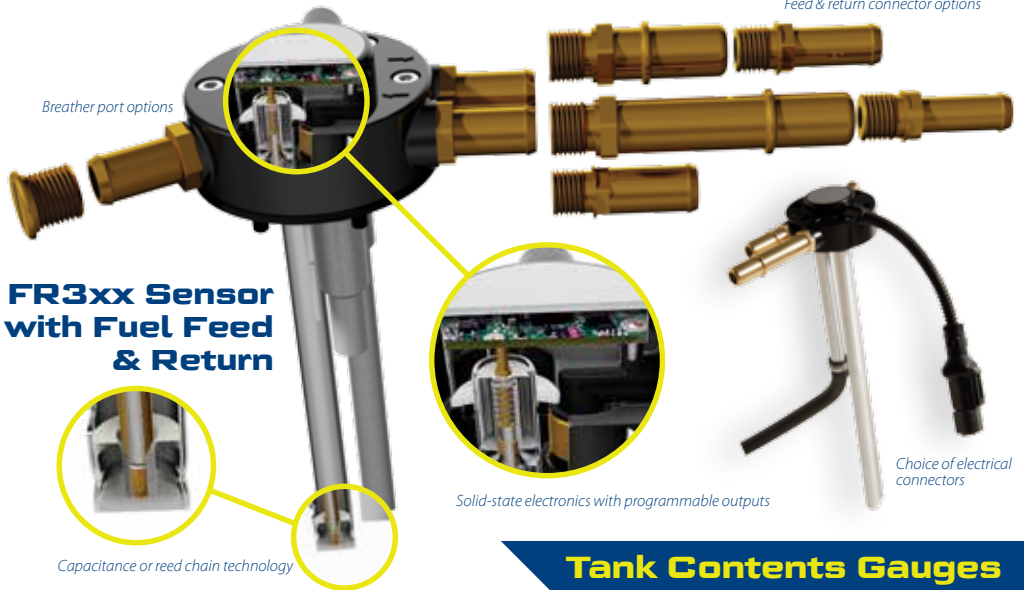
DESIGN.
INNOVATION.
MANUFACTURE.
SUPPLY.
WORLDWIDE.

www.fozmula.com

Liquid Level Sensors & Switches

Fozmula's product design process is driven by our customers. Our flexible, modular sensors and gauges enable engineers to reduce the number of devices they specify, reducing costs and complexity without compromising on quality or functionality.

- Accurate, repeatable liquid level measurement
- Fuel feed and return
- Integrated level alarm
- Options for depth, connectors, filters, breathers and electrical outputs



Tank Contents Gauges

G/LL65

Contents Gauge with electrical outputs; a level signal and a level alarm trigger



G/LL64

Contents Gauge with an integrated level alarm switch



G/LL63

Contents Gauge



Fozmula Contents Gauges are ideal for off-highway vehicles and generator sets

G/LL6x Family

This range of liquid level gauges features high precision moulded components, a one piece float guide arrangement and uses a magnetic coupling to transmit the liquid level to the indicator dial; preventing potential leak paths. Choose from a standard gauge, a gauge with an integrated level alarm or three devices in one; a mechanical contents gauge with a continuous electrical level signal and a switch to trigger a level alarm.



WELCOME TO FOZMULA

Fozmula is a UK based manufacturer of sensors, switches and gauges for controlling and monitoring fuel, oil, water and coolant levels and temperatures. Our products protect and monitor generator sets, pumps, trucks, buses, coaches, rail, defence and off-highway vehicles.

Fozmula's experienced engineering team comprises specialists in mechanical design, electronics, software, manufacturing and project management. We welcome the opportunity to tailor a standard product to suit your specification or to work with your engineers to develop a brand new part to overcome any particular challenges presented by your application.

Fozmula has a philosophy of total quality and continuous improvement and is accredited to both ISO9001 and ISO14001. Our procedures ensure product and service quality across our business and supply chain.



Sensors, switches and gauges for control and monitoring of:

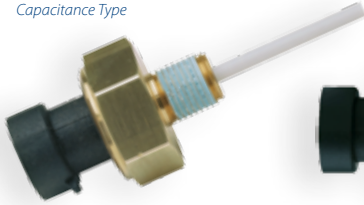
- Liquid Level
- Temperature
- Tank Contents
- Pressure



Electronic Liquid Level Switches

Expertise in capacitance and hydrostatic technologies enables Fozmula to produce accurate, reliable and durable sensors and switches with no moving parts.

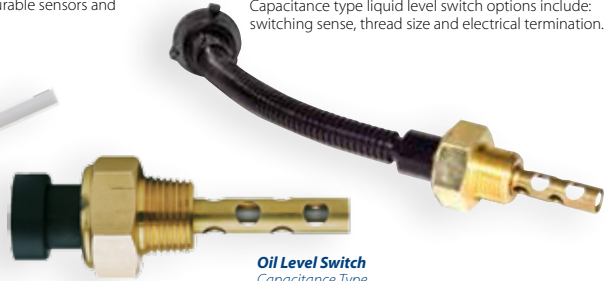
Coolant Level Switch
Capacitance Type



Capacitance Switch Options

Capacitance type liquid level switch options include: switching sense, thread size and electrical termination.

Oil Level Switch
Capacitance Type



Electronic Liquid Level Sensors

FEATURED PRODUCT

Oil Level Sensor / Switch

A range of sensors and switches designed for extreme temperatures.

- 0-10 VDC output
- -40°C to +125°C
- High accuracy
- Engine, transmission or hydraulic oils
- Integrated level alarm



Cut-to-length
User calibration feature

Capacitance Technology
No moving parts - accurate and reliable



Hydrostatic Level Sensor
High accuracy for tanks of up to 4 m deep

Auto-compensating
Multi-liquid level sensor adapts to change in liquid without user intervention

Electro-Mechanical Devices

Fozmula's traditional float switches set the industry standard and are designed to meet customer's specific switching requirements. Continuous output devices offer the ultimate flexibility and are ideal for retrofitting.

Reed Chain Level Sensor
Configurable to virtually any resistive match

Vertical Float Switches
Industry leading float switches - highly configurable to suit a wide variety of applications



Adblue Level Sensor
Reed chain device with feed, return and heater options



Temperature Sensors & Switches

FEATURED PRODUCT

Voltage Output Temperature Sensor

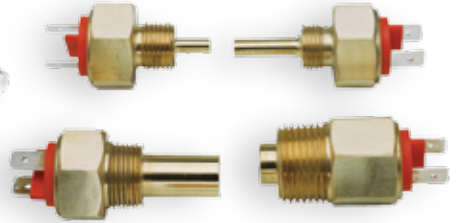
A range of precision temperature sensors that provide a voltage output.

- 0-5 VDC output
- -40°C to +150 °C operating range
- Connection options include military grade connectors



Options Include:

- Temperature switch point
- Temperature range and output curves (sensors)
- Body styles
- Thread sizes
- Electrical connector type



Bespoke requirements

If our comprehensive range doesn't include the temperature switch or sensor you require, we can design one to suit your application.

Bespoke Sensors & Switches

Most of our product ranges offer a high degree of customisation however, some applications call for an entirely bespoke solution. Often employing the technology we've developed across our standard products, our engineers are able to produce custom switches and sensors quickly and cost effectively. Examples include level sensors with integrated temperature measurement for defence vehicle hydraulics, solid-state electronic sensors to replace failing legacy hardware without the need for a control system upgrade and sensors for unusual liquids such as printer ink or hydrochloric acid.

- Industry specific connectors
- Overcome packaging constraints
- Integrated fuel feed and return
- Extreme conditions and non-standard liquids
- Legacy equipment replacement
- Combined level and temperature
- Custom outputs / logic to avoid control system upgrades



sectors



**DESIGN.
INNOVATION.
MANUFACTURE.
SUPPLY.
WORLDWIDE.**

Fozmula Limited

Hermes Close
Tachbrook Park
Warwick, CV34 6UF,
United Kingdom.

Tel: **+44 (0)1926 466700**
Fax: **+44 (0)1926 450473**
Email: **sales@fozmula.com**

www.fozmula.com



INVESTORS
IN PEOPLE

designed & produced by www.pictastudios.co.uk | t. 01926 311112

FOZMULA
INNOVATION IN SENSORS