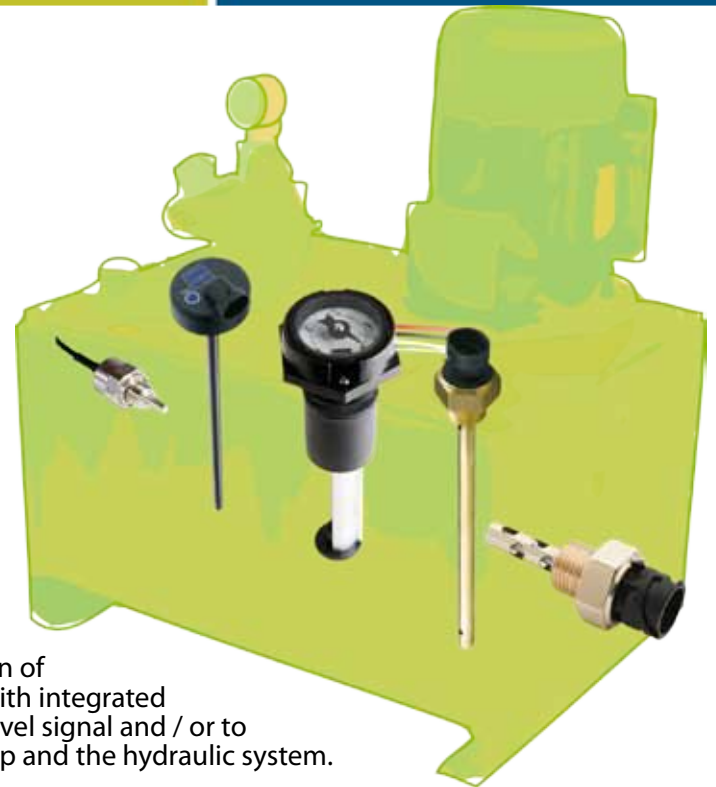


SENSORS, SWITCHES & GAUGES FOR HYDRAULIC SYSTEMS

Typical applications:

- Hydraulic power units
- Oil tanks / reservoirs
- Oil coolers



Tank Contents Gauges



G/LL6x Family

Mounted on the reservoir, the G/LL6x family of contents gauges provide a direct indication of the hydraulic oil level. Variants with integrated electrical outputs; for a remote level signal and / or to trigger an alarm protect the pump and the hydraulic system.

Vertical float switches

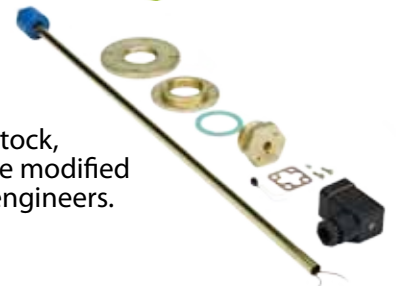


T/LL70 - Factory Built Vertical Float Switches

Setting the industry standard, Fozmula's traditional float switches are custom built to meet customer's specific switching requirements.

T/LL122 Adjustable Float Switches

Ideal for keeping in stock, these switches can be modified by your installation engineers.



Liquid level sensors

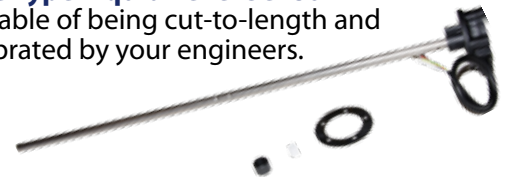


Capacitance and hydrostatic liquid level sensors

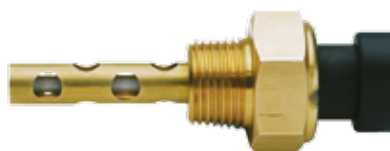
- Solid state - no moving parts.
- Accurate and repeatable.
- Integrated level switch for alarm.
- Output for displays and controllers.
- Options to suit most applications.

T/LL14x Cut-to-Length Capacitance Type Liquid Level Sensor

- Capable of being cut-to-length and calibrated by your engineers.



Oil level switches

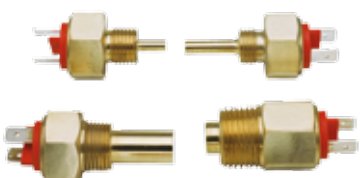


S8x Capacitance Type Oil Level Switch

- Reliable, durable solid state switches with no moving parts to stick or wear.
- Factory programmable delays to account for tank slosh and start-up routines.
- Switching outputs to suit your application.



Temperature sensors & switches



Sensors & Switches

- Options include:
- Probe and body design.
 - Thread size.
 - Electrical connector.
 - Switch point or temp. range & output curve.

Voltage Out Temp. Sensors

- 0 - 5 VDC output.
- -40 °C to +150 °C operating range.
- Military grade connectors.





Off highway vehicles and their attachments use Fozmula sensors and switches to monitor their hydraulic systems.

Solutions for the Protection and Monitoring of Hydraulic Systems

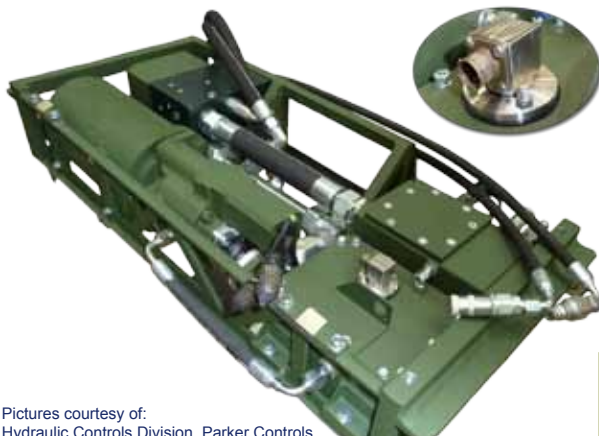
Fozmula is a UK based manufacturer of sensors, switches and gauges for the control and monitoring of liquid levels and temperatures. Our products are used to protect and monitor hydraulic systems and engines in generator sets, pumps, construction equipment, trucks, buses, rail locomotives, defence, agricultural and off-highway vehicles.



From simple contents gauges, that indicate the level of hydraulic oil without being powered, through to state-of-the-art solid state sensors and switches, designed to work in conjunction with controllers, all of our products are designed to provide the reliability and durability required by safety critical hydraulic systems.



Liquid level and temperature monitoring
Fozmula capacitance switches and temperature sensors are fitted to many hydraulic powerpacks fitted to Diesel Locomotives throughout Europe.



Variants of Fozmula's T/LL70 vertical float switches and T/LL2xx sensors are used to monitor the level and temperature of the hydraulic oil in the HPU's used in critical systems such as the door closures of personnel carriers.



Pictures courtesy of: Hydraulic Controls Division, Parker Controls.

