



Quality & Reliability
Guaranteed

FUEL SENDERS

TECHNICAL SPECIFICATIONS



Our Fuel Sender range is designed to be fitted in the fuel tank to monitor the fuel volume, with the measuring circuit specially calibrated for the tank shape of the vehicle concerned.

Electrical Ratings :

System voltage: 12V or 24V
System polarity: Negative earth

Temperature ranges:

Functional -30°C to $+85^{\circ}\text{C}$

Mechanical Characteristics:

Weight up to 113g Full specification
Float arm lengths: 75mm to 800mm radius

Dimensions:

Fully detailed drawings can be prepared on receipt of Fuel System details.

Design features:

- Thick film measuring circuit gives superior accuracy to a conventional wire wound resistance. Measuring circuit consists of thick film ceramic tile with palladium silver conductor pattern printed with resistive ink.
- Laser trimming of measuring circuit guided by computer aided design data further improves accuracy.
- Wiper arm and resistor pattern interface by a dual nickel silver contact and phosphor bronze carrier blade.
- Improved thick film circuit design eliminates intermittencies and increases service life.



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Corrosion Protection:

Plastic body withstands degradation in petrol and/or methanol mixture environment.

Reliability:

Ingenuous yet simple construction provides greatly improved reliability in service.

Mounting Options:

Top and side mounting versions

Fitment:

Location lugs. Face sealing with seal between inner face of unit and tank.

Cam locking from 5.5/13.5Nm.

Fitment can be customised to suit any customer requirement.

Feed Pipes:

Internal metal/formed nylon feed and return pipes with filter available (if required).

Low Fuel Warning:

The feature can be included at design stage.

Maintenance:

No maintenance required

Outlets:

Variations available through inserts in the main mould tool.

Snap fit pipe connection elbow for flow and spill return.

Termination:

Blade connection to BS 5057. 6.3mm 250 series.

Can be customised to suit customer requirements.

Environmental sealed connector options available.

Warranty:

Minimum 12 months, extended warranty is negotiable dependent on application.

