

## Technical description

Fuel level sensor type TN/TNB

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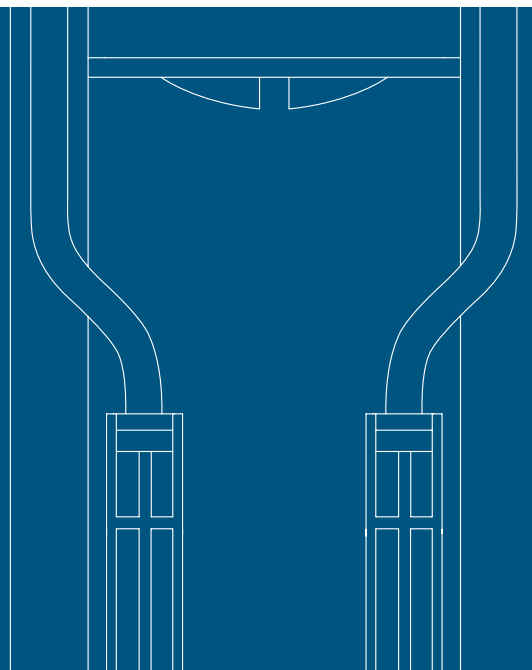
The TN & TNB is a cost effective fuel level sensor designed for smaller trucks. The sensor is designed according to the actual tank shape for exact measurements of the tank content. Measurements are done by series of reed switches positioned inside the level tube. A float, with built- in magnets then triggers the reed relays, generating a potential - free resistance with a ohm value that increases or decreases according to the respective fluid level. Resistance output is fully customisable. The float is the only moving part of the sensor, thereby minimising potential mechanical failures. All sensors are fully insulated to protect against voltage inside the tank.

## The TN/TNB combines the functions of:

- Level indicator
- Alarm (optional)
- Suction and return pipes connected to the engine fuel pump
- Fuel filter (optional)
- Air vent pipe (optional)

## Product properties

- 304/316 stainless steel
- Standard bayonet fitting (TNB). Optional bayonets available
- Standard flange holes (TN). Optional flange holes available
- Customised tube dimension
- Fully customisable resistance output
- Standard level measurement resolution of 21mm
- IP 67 classified
- Operational temperature range -40°C to +85°C
- Vibration tested
- Corrosion tested
- Temperature tested
- EMC approved



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