



Handling a complex world.



reliability

Standard Tubular Level Sensor •
The effective way of gauging fuel levels



- Extremely easy to mount
- Extremely beneficial price/performance ratio
- Reliable fuel level indication
- Designed and manufactured with the sensor technology knowledge and experience of more than 30 years

VDO Standard Tubular Level Sensor

Technical Data

Overview of Lengths and Resistances

Length (mm)	200	250	300	350	400	450	500	550	600	650
Resistance (Ohm)	68,00	72,00	82,80	79,60	74,90	84,30	75,40	77,60	85,30	82,20
Order number										
224-011-000-xxx	-020	-025	-030	-035	-040	-045	-050	-055	-060	-065

With the two 6.3 x 0.8 mm spade connector included in delivery the following configurations of the electric connections are possible:

- Threaded stud M4 for signal output without ground connection
- Threaded stud M4 for signal output and spade connector for ground connection
- Spade connector for signal output without ground connection
- Spade connector for signal output and spade connector for ground connection

VDO Standard Tubular Level Sensor
Tubular Level Sensors give continuously an accurate and stable information.

VDO Standard Tubular Level Sensors can be mounted direct into the tank. Versions with an additional contact for low fuel level warning are available*.

Due to their specific design the VDO Standard Tubular Level Sensors are not only a supplement to the current range of customer specific sensors but also a reasonable priced alternative to lever arm sensors. They can be used for most On- and Off-Highway as well as for marine applications.

VDO Standard Tubular Level Sensors are tested extensively among others for medium resistance and durability. Thus they are designed exactly to the special demands on fuel level sensors.

Standard lengths

VDO Standard Tubular Level Sensors are available in ten standard lengths from 200 mm to 650 mm and with different resistances. The gasket is included. This all not only simplifies the mounting but also reduces the price.

The sensors offer the following features:

- Resistance output
- Compatibility to the VDO gauges 301-010-00X and X10-110-981-009 (Adjustable to 60 to 90 Ohm at empty).

- M4 bolt and hexagon nut or 6,3 x 0,8 mm spade terminal
- Optional ground connector
- Optional warning contact*
- Mounting bolt circle 54 mm

*Available approx. end of 2005



Siemens VDO Automotive
Service & Special Solutions

Office address:
Siemens VDO Trading GmbH
Kruppstrasse 105
60388 Frankfurt am Main
Germany

Tel.: +49 (0) 69 40 80 50
Fax: +49 (0) 69 40 80 52 10
E-mail: industrial@vdo.com
www.vdo.com