



Tank senders / sensors

Sender for fuel tanks

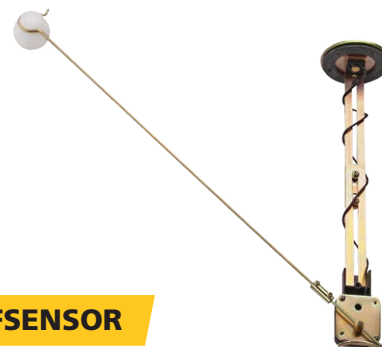
Sender for all rigid petrol and diesel fuel tanks suitable for heights between 140 to 660 mm. Both the vertical strip and the horizontal float arm are completely adjustable.

Specifications

- Empty 280 Ω
- Full 40 Ω
- For 12 and 24 VDC

Type	Description	Voltage (DC)
FSENSOR	Fuel tank float	12/24

FSENSOR



All VETUS level gauges are matched to our tank senders and can be connected directly to each other for accurate reading. To connect certain VDO level indicators to a VETUS tank sender, it is necessary to install a signal converter (code EP46849) in the circuit.

Ultrasonic level sensors

Accurate, contactless tank monitoring

The VETUS SENSORA and SENSORB are advanced ultrasonic level sensors designed to monitor tank contents without any moving parts or direct contact with the liquid. These sensors can be used in waste water (black and grey water), fresh water, diesel fuel, or petrol tanks of almost any shape and size - up to 120 cm deep. Max. tank capacity 5000 liter. Perfect for modern boats and yachts, they offer easy installation and high reliability. Once installed, the sensor can be calibrated on the spot using a built-in LED and wire. No extra tools are needed.

SENSORA

SENSORB



Specifications

SENSORA - Analogue output sensor

- Contactless ultrasonic measurement for high reliability
- Compatible with all VETUS analogue tank level gauges and WWCP panel
- Easy onboard calibration with LED and a calibration wire
- Ideal for black, grey, fresh water, petrol, and diesel fuel tanks
- Not suitable for use with metal tanks

Specifications

SENSORB - CAN bus sensor

- Uses RS485 bus interface (CAN bus type)
- Designed for integration with digital VETUS display SENSORD
- Contactless, reliable, and easy to calibrate
- Ideal for high-end digital installations
- Not suitable for use with metal tanks

By using an RS485 user interface, data can be transmitted over long distances without signal loss, there is a higher degree of noise immunity, and support for eight sensors connected to one SENSORD panel.

Feature	SENSORA	SENSORB
Output interface	Analogue	RS485 Bus (CAN bus)
Voltage	12 / 24 VDC	12 / 24 VDC
Current consumption	35 mA	35 mA
Max. tank depth	120 cm	120 cm
Accuracy	$\pm 5\%$	$\pm 5\%$
Temperature range	-20 °C to +70 °C	-20 °C to +70 °C
Mounting flange	SAE, 5-hole	SAE, 5-hole
Dimensions	$\varnothing 77$ mm x 23 mm	$\varnothing 77$ mm x 23 mm
Compatibility	Analogue gauges, WWCP panel	SENSORD digital display only
Suitable for	Water, fuel, black/grey water tanks	Water, fuel, black/grey water tanks
Not suitable for	Metal tanks	Metal tanks