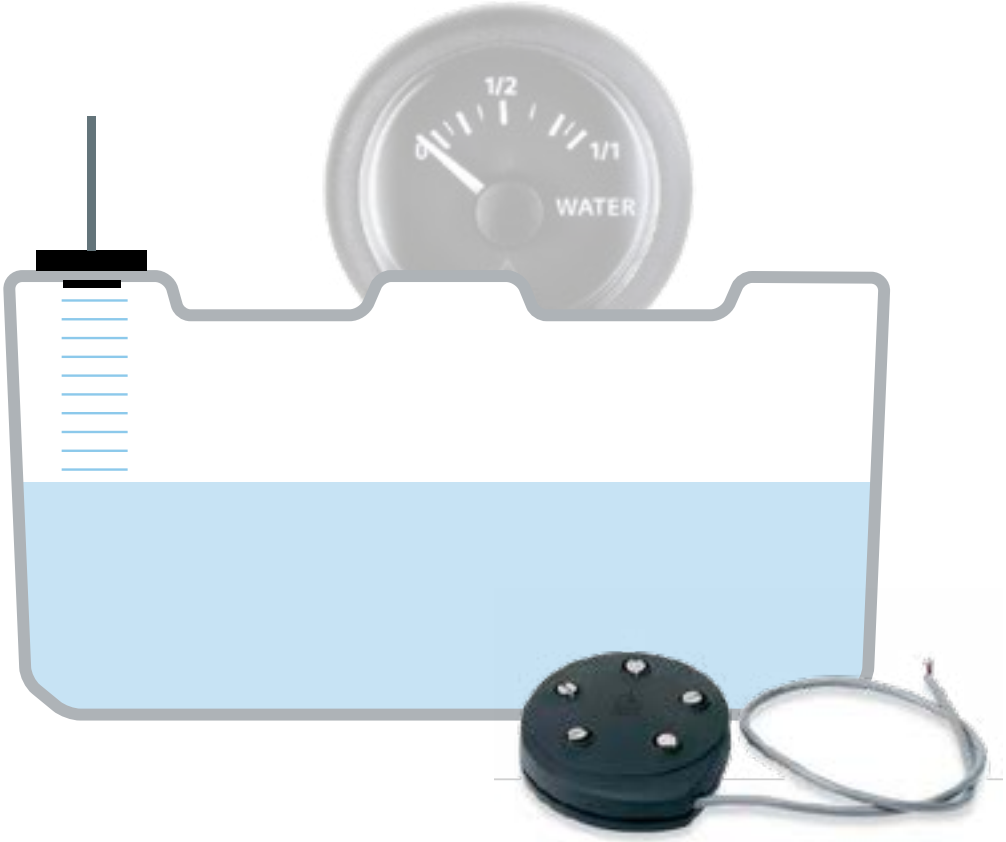
SVB Spezialversand für Yacht- & Bootszubehör
Gelsenkirchener Str. 25-27 · 28199 Bremen - Germany
Tel. +49 (0)421 57290 - 0
email: info@svb24.com · www.svb24.com

Ultrasonic Sensor

Using ultrasonic technology, it is easy to measure the fill level of a drinking water, fuel, grey water or sewage tank. A tank sensor works in a way that is similar to sonar, by emitting ultrasonic waves that measure the level of the tank. We will programme your tank sensor to match the dimensions of your tank provided in this data sheet.



Please fill out the following data sheets and send them back to us. We will submit an offer immediately.

DATA SHEET
Programming of Ultra Sonic

Please fill out a separate data sheet for each unit ordered.

Client:	**Client - Nr.:**
Order - No:	**Make:**

Tank Data

Please enter the values in the following table:

Output range

The output range has to be programmed according to the indicating instrument used.

	Voltage Output 0-5 Volt		**Resistance range 240 - 33 Ohm**
	Resistance range 10 - 180 Ohm		**Resistance range 300 - 10 Ohm**

	Drinking Water		**Petrol**		**Diesel**		**Sewage**

Top Limit
Distance between lower edge of sensor and liquid level, when tank is full (minimum 10 mm maximum 1,000 mm) ____ mm

Bottom Limit (Height of Tanks)
Distance between lower edge of sensor and the bottom of the tank (minimum 100 mm, maximum 2,000 mm) ____ mm

Compensation for non rectangular tanks – if desired

If no information is given here, your Ultrasonic Sensor will be programmed as for a rectangular tank.
There are two different options for specifying and programming the tank geometry. Please enter the information required in section 1 or 2.

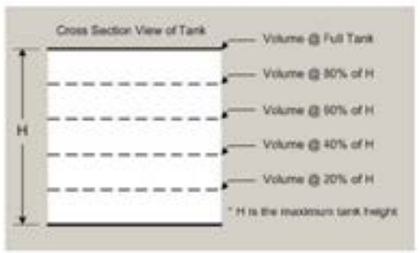
1. Compensation by specifying the outer dimensions

You will find an overview of different tank forms on page 2 and 3. Please indicate the number of the respective image and fill in the dimensions asked for next to the images. All measurements asked for are needed for the programming. If measurements are missing, programming is not possible.You will find an overview of the different tank shapes on pages 3 and 4. Please indicate the number of the corresponding picture and add the dimensions listed next to the image. All dimensions requested are required for programming.

The shape of my tank corresponds ____ → Measurements according to

2. Compensation by specifying the tank volume

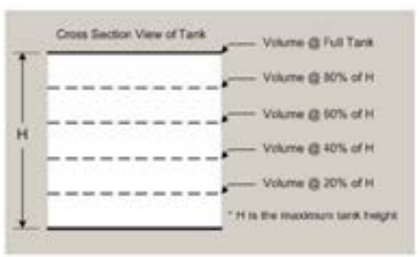
Indicate the tank volume in **litres** at 5 different filling heights.



Volumen @ Full Tank	Liter	Volumen @ 40 % Tank	Liter
Volumen @ 80 % Tank	Liter	Volumen @ 20 % Tank	Liter
Volumen @ 60 % Tank	Liter	Height of tank	mm

3. Compensation by specifying the height indication

Indicate the tank volume in **millimetres** at 5 different filling heights.



Volumen @ Full Tank	mm	Volumen @ 40 % Tank	mm
Volumen @ 80 % Tank	mm	Volumen @ 20 % Tank	mm
Volumen @ 60 % Tank	mm	Height of tank	mm

DATA SHEET
Programming of Ultra Sonic

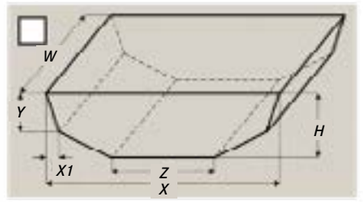
Caution! The ultrasonic sensor is not suitable for tanks with less than 200 mm depth.

Symmetric Tanks

Dimensions in mm

Asymmetric Tanks
(half Tanks)

Image no. 1/12



X = ____ H = ____
Y = ____ W = ____
X1 = ____ Z = ____

Image no. 1/12 half Tank

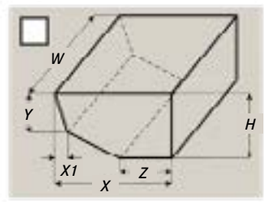
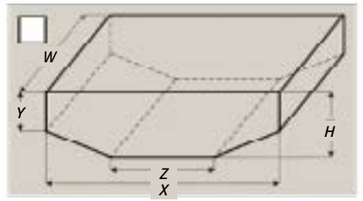


Image no. 2/12



X = ____ H = ____
Y = ____ W = ____
Z = ____

Image no. 2/12 half Tank

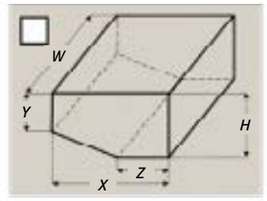
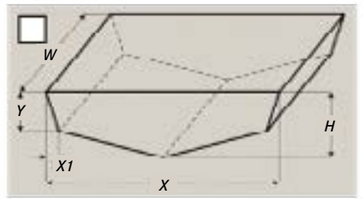
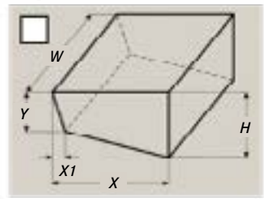


Image no. 3/12

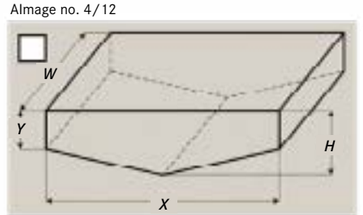


X = ____ H = ____
Y = ____ W = ____
X1 = ____

Image no. 3/12 half Tank



AImage no. 4/12



X = ____ H = ____
Y = ____ W = ____

Image no. 4/12 half Tank

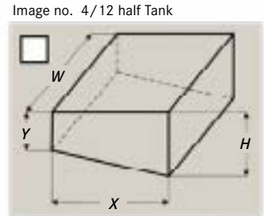
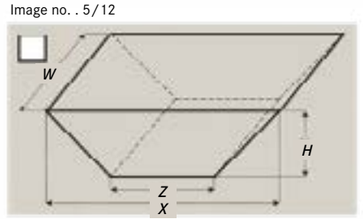


Image no. . 5/12



X = ____ H = ____
W = ____
Z = ____

Image no. 5/12 half Tank

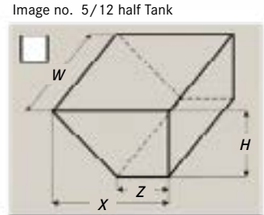
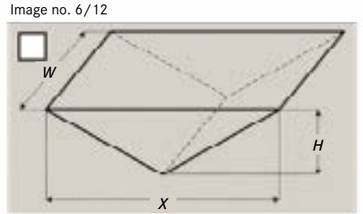
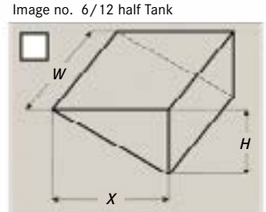


Image no. 6/12



X = ____ H = ____
W = ____

Image no. 6/12 half Tank



DATA SHEET
Programming of Ultrasonic Sensor

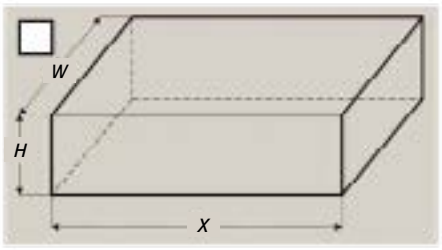
Caution! The ultrasonic sensor is not suitable for tanks with less than 200 mm depth.

Symmetric Tanks

Asymmetric Tanks
(half Tanks)

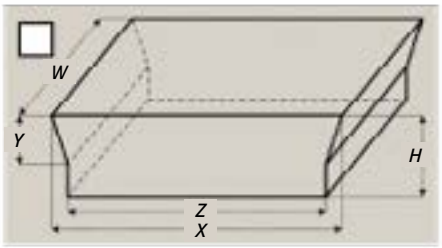
Dimensions in mm

Image no. 7/12



X =		H =	
		W =	

Image no. 8/12



X =		H =	
Y =		W =	
		Z =	

Image no. 8/12 half Tank

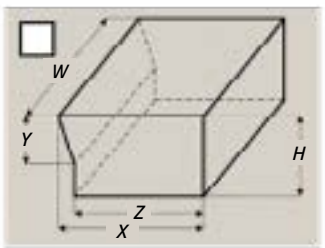
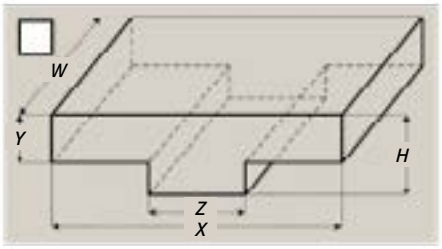


Image no. 9/12



X =		H =	
Y =		W =	
		Z =	

Image no. 9/12 half Tank

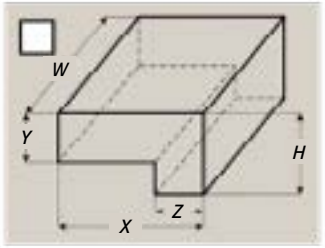
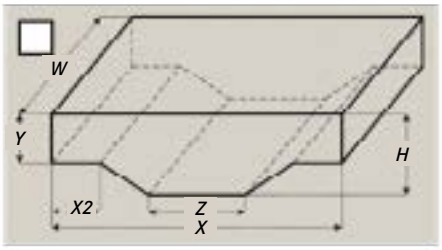


Image no. 10/12



X =		H =	
Y =		W =	
X2 =		Z =	

Image no. 10/12 half Tank

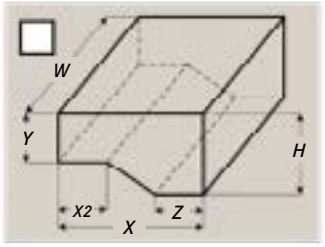
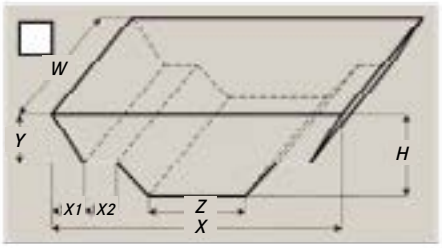


Image no. 11/12



X =		H =	
Y =		W =	
X1 =		Z =	
		X2 =	

Image no. 11/12 half Tank

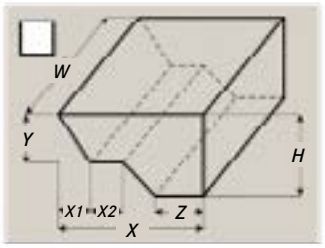
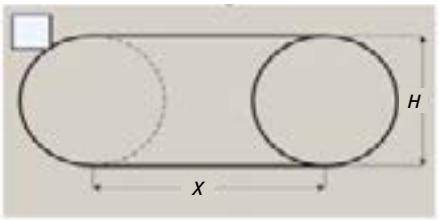


Image no. 12/12



X =		H =	