

PRODUCT BASIC INFORMATION

# DIP-PIPE LEVEL SENSORS

Reliable Sensors for Tank Management



# VERATRON DIP-PIPE LIQUID LEVEL SENSORS

Robust and reliable sensors for efficient tank monitoring

## KEY FEATURES

- ▶ TE SuperSeal 1.5 connector 2 pins
- ▶ Compensation chamber
- ▶ Flange: PA66 GF30
- ▶ Wiring harness with length of 200 mm
- ▶ 3 Signal ranges: 90 – 4 Ω / 0 – 180 Ω / 240 – 33 Ω
- ▶ Length : 150 mm – 1400 mm
- ▶ Mounting diameter: 54 mm
- ▶ IP67 protection rating

The Veratron Dip-Pipe Level Sensor is ideal for usage in fuel tanks.

Its 38 mm diameter vertical tube contains a float inside, which measures the liquid's level.

Small holes at the top and bottom of the tube act as a baffle to fuel sloshing around in the fuel tank, so the float position remains stable at any sea state.

The sensors are made in various lengths starting from 150 mm up to 1400 mm – when selecting the sensor, make sure that the length chosen is at least 4 mm from the base of the fuel tank once fitted.



Plug-and-play interface to the NMEA 2000 network when used in combination with a resistive LinkUp!

## ACCESSORIES AND SPARE PARTS

6m Extension Cable	A2C1756300001
Sensor Mounting Kit	A2C17593300
Flange Adapter Kit	B00001201
LinkUp Resistive	B00042201



## FLANGE ADAPTER KIT

Small but necessary instrument that will save your money and time.

The Flange Adapter Kit can be adapted to our brand-new Fuel Level Sensor replacing the old 80 mm sensor.

A cross reference list (provided by our sales offices) will allow you to find the correct sensor replacing the defective one. The flange can be adapted to any of our liquid level sensors.

This is a complete solution in case of defective Fuel Level Sensors.



B00001201

» Veratron Tubular Level Sensors are tested extensively  
for medium resistance and durability

LENGTH	SIGNAL RANGE			NUMBER OF SWITCHES
	90 – 4 Ω	0 – 180 Ω	240 – 33 Ω	
150 mm	A2C1749300001	A2C1720030001	A2C1746020001	7
160 mm	A2C1749310001	A2C1742410001	A2C1746030001	7
170 mm	A2C1749370001	A2C1742980001	A2C1746040001	7
180 mm	A2C1749950001	A2C1744170001	A2C1746060001	7
190 mm	A2C1750030001	A2C1744180001	A2C1746100001	8
200 mm	A2C1750040001	A2C1744190001	A2C1746120001	8
210 mm	A2C1750100001	A2C1744200001	A2C1746130001	9
220 mm	A2C1750120001	A2C1744210001	A2C1746140001	9
230 mm	A2C1750130001	A2C1744220001	A2C1746150001	9
240 mm	A2C1750170001	A2C1744230001	A2C1746170001	9
250 mm	A2C1750190001	A2C1744240001	A2C1746190001	9
260 mm	A2C1750200001	A2C1744250001	A2C1746220001	10
270 mm	A2C1750210001	A2C1744260001	A2C1746300001	10
280 mm	A2C1750220001	A2C1744270001	A2C1746390001	11
290 mm	A2C1750230001	A2C1744280001	A2C1746420001	11
300 mm	A2C1750240001	A2C1744290001	A2C1746450001	12
310 mm	A2C1750250001	A2C1744300001	A2C1746990001	12
320 mm	A2C1750260001	A2C1744310001	A2C1747000001	13
330 mm	A2C1750270001	A2C1744320001	A2C1747020001	13
340 mm	A2C1750280001	A2C1744350001	A2C1747030001	14
350 mm	A2C1750290001	A2C1744360001	A2C1747050001	14
360 mm	A2C1750300001	A2C1744370001	A2C1747060001	14
370 mm	A2C1750310001	A2C1744380001	A2C1747080001	15
380 mm	A2C1750320001	A2C1744390001	A2C1747090001	16
390 mm	A2C1750330001	A2C1744400001	A2C1747130001	16
400 mm	A2C1750340001	A2C1744410001	A2C1747140001	17
410 mm	A2C1750350001	A2C1744420001	A2C1747150001	17
420 mm	A2C1750360001	A2C1744430001	A2C1747160001	18
430 mm	A2C1750380001	A2C1744440001	A2C1747170001	18
440 mm	A2C1750390001	A2C1744450001	A2C1747190001	19
450 mm	A2C1750420001	A2C1744460001	A2C1747200001	19
460 mm	A2C1750440001	A2C1744470001	A2C1747210001	19
470 mm	A2C1750460001	A2C1744480001	A2C1747220001	19
480 mm	A2C1750470001	A2C1745780001	A2C1747230001	20
490 mm	A2C1750490001	A2C1745790001	A2C1747240001	21
500 mm	A2C1750500001	A2C1745800001	A2C1747250001	21
550 mm	A2C1750530001	A2C1745810001	A2C1747260001	23
600 mm	A2C1750570001	A2C1720100001	A2C1747270001	26
650 mm	A2C1750620001	A2C1745820001	A2C1747280001	28
700 mm	A2C1750650001	A2C1745830001	A2C1747290001	31
750 mm	A2C1750730001	A2C1745840001	A2C1747300001	33
800 mm	A2C1750740001	A2C1745880001	A2C1747340001	35
850 mm	A2C1750750001	A2C1745890001	A2C1747350001	38
900 mm	A2C1750760001	A2C1745900001	A2C1747360001	40
950 mm	A2C1750770001	A2C1745910001	A2C1747370001	42
1000 mm	A2C1750790001	A2C1745920001	A2C1747380001	45
1050 mm	A2C1750810001	A2C1745930001	A2C1747390001	47
1100 mm	A2C1750840001	A2C1745940001	A2C1747410001	50
1150 mm	A2C1750850001	A2C1745950001	A2C1747420001	52
1200 mm	A2C1750860001	A2C1745960001	A2C1747430001	55
1400 mm	B00068601	-	-	65



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**OUTDOOR INSTRUMENTATION  
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