



RADAR



 II 1/2G Ex d ia IIC T6...T1 GA/Gb

Order-No: V1757546/001

Radarsensor 4 ... 20 mA – VEGAPULS 61

The radar sensor VEGAPULS 61 from Vega for continuous level measurement of liquids provides high accuracy regardless of pressure, temperature, gas and dust (also in Zone 1+2 according to ATEX). The device is wear- and maintenance-free and available in various materials with protection up to IP 67 (optional IP 68 (1 bar)).



Powerful

- **High accuracy** (also zone 1+2 according to ATEX)
- **contactless measuring**
- **easy** to install
- **wear- and maintenance-free**
- Measurement **independent** of the pressure, temperature, gas and dust

Reliable sensor

The VEGAPULS 61 emitted extremely short microwave pulses to the surface of the measured medium and evaluates the reflected pulses (via internal antenna system). The special evaluation procedure ensures a reliable and accurate measurement.

Easy operation

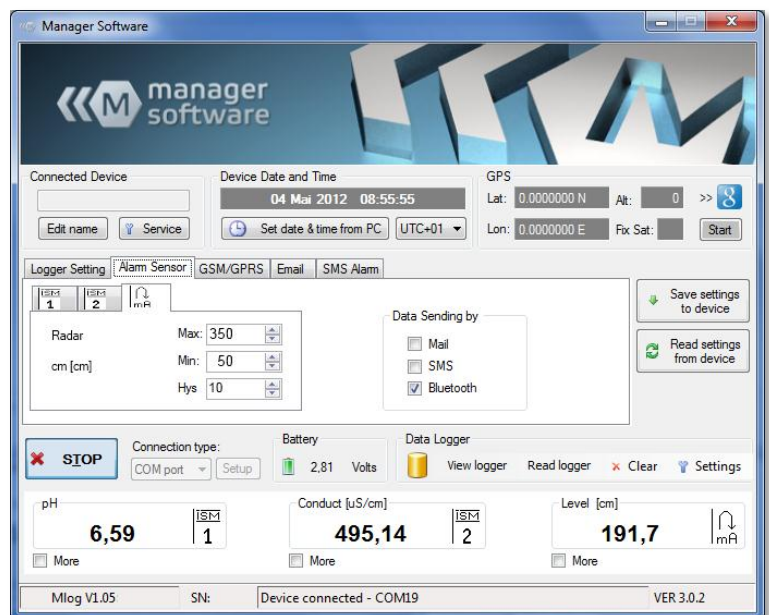
The device is easy to operate and parameterize via VEGACONNECT 4 (optional) and the PC software (PACTware).

The adjustment of the instrument for operation on-site is carried out via the optional module PLICSCOM or via a PC with the adjustment software PACTware and respective DTM.

Technical data: Mlog Radar-Sensor VEGAPULS 61

ATEX label	II 1/2G Ex d ia IIC T6...T1 GA/Gb		
Operating voltage	9.6 ... 30 V DC		
Signal output	4 ... 20 mA / HART 2-wire		
Enclosure Rating	IP 66/67 (optional IP 68)		
Dimension (ØXH);	115 mm x 283 mm (4.53" x (11,14") with bracket		
Function Principle	Micro wave pulse		
Temperature	Process	-40°C .. + 80 °C	(-40°F...+176°F)
	Ambient / storage	-40°C .. + 80 °C	(-40°F...+176°F)
Pressure	Operation:	-1...+2 bar	-100 ... +200 kPa
Measuring range	up to 35 m	114,8 ft	
Deviation	± 2 mm		
Mlog connection intrinsically safe sensor connection	Uo 15,8V;	Io 48 mA;	Lo 50mH
Max. values:	Ui = 30 V	Ii = 131 mA	Pi = 983 mW.

Further information about the product <http://www.vega.com>



Presented by:

