VEGA

VEGAPULS series 60 with electronics Foundation Profibus

For hardware versions > 2.0.0

Version, available since	Description	Device Rev.
4.5.2, 11/2018	**Error corrections:** − Instrument Software, in general − Correction of an error while writing data into the EEPROM	**2**
4.5.1, 09/2016	**Error corrections:** − Instrument Software, in general − Error message F080 in conjunction with PLICSCOM removed I²C bus speed adapted	**2**

4.5.0, 08/2011	**Extensions for the Japanese market**
	New functions and modifications:
	− Signal processing
	  − False signal suppression improved
	  − Algorithm of the mobility detection optimized
	− Instrument Software, in general
	  − Limitation of the sensor and scaling units for Japan added
	  − Measured value memory at delivery and reset basic setting activated
	− PLICSCOM adjustment
	  − Language Japanese added
	  − Language American must no longer be adjustable
	− Profibus PA communication
	  − PA Device Revision increased from 1 to 2
	Error corrections:
	− Instrument Software, in general
	  − The function "Overfill protection" could not be switched off
	  − The pointer displayed too high negative values
	  − Simulation of the distance was not possible with actual negative measured value
	− PLICSCOM adjustment
	  − Echo curve presentation optimized
	− Profibus PA communication optimized
		2

Service info plics® software versions

Version, available since	Description	Device Rev.

4.4.0, 11/2010	**Function extension and error correction of the sensor software**
	New functions and modifications:
	– Signal processing
	  – New function overfill protection
	– Instrument Software, in general
	  – Approve new instruments VEGAPULS SR 68 and VEGAPULS WL 61 for software update
	Error corrections:
	– Signal processing
	  – An individually programmable linearization curve with negative gradient could not be processed
	  – The simulation of the physical value could only be carried out up to 35 m
	  – Error in the spreading correction with measurements in the tube
	  – Time up to the fault meassage after an echo loss fixed set to 60 seconds for WHG and SIL
	  – Several error messages F080 checked and corrected
	– Instrument Software, in general
	  – On site communication with the sensor no longer possible after interruption of the USB connection to VEGACONNECT 4
	  – The false echo memory curve was not updated in the DTM after changing a distance offset
	  – The false echo memory curve was not cut in the DTM with high resolution echo curve presentation
	  – The presentation of the distance values in the echo curves on the DTM were wrong with sensor distance unit "ft"
	  – Measured value simulation was not reset after a parameter reset
	  – Parameter for current adjustment could be changed although the sensor was blocked
	  – Wrong instrument status with defective real time clock (F261)
	– PLICSCOM adjustment
	  – "Standpipe versions" are deleted with the menu item medium and selection Liquid/Bulk solid
	  – Corrections with language "Russian"
	– Profibus PA communication
	  – Error when reading in the address selection switch removed
		1

4.1.2 06/2010	**Error correction of the first production version:**
	New functions and modifications:
	– Instrument software, in general:
	  – Firmware update with code sizes > 2 Mb could not be executed
	– Signal processing
	  – Error echo detection F080 detail status 11059 occurred with more
		1

Version, available since	Description	Device Rev.
	than 60 echoes	

4.1.1, 10/2009	**First Software version for HW Version 2.1.0**
	New functions and modifications:
	− Signal processing
	  − Increased accuracy
	  − Increased repetition rate
	  − Extensions in the application parameterisation
	  − Determination of the mobility probability of all echoes added
	  − Update false signal suppression dependent on the system noise increase
	− Instrument Software, in general
	  − Lower supply voltages possible
	  − Device status according to NE 107
	  − Event and parameter modification memory added
	  − Echo curve memory added
	  − Echo curve of the setup added
	  − Function extension for the measured value memory
	  − Real time clock added
	  − Automatic recognition of the USB standard converter on the terminals
	− PLICSCOM adjustment
	  − Modification of the menu structure
	  − modification of the layout with value changes
	− Profibus PA communication
	  − Profibus PA Profile 3.02
	  − 3 AI function blocks available
		1

Legend:

Name	Description
Version	Compatibility version.Function extension version.Error correction version
available since	Month/Year
Device Rev.	Version number of the instruments defined by PA. Consecutive integral number. Will be increased if modifications were carried out, e.g. new commands, modifications in the data structure in a command.