VEGABAR 80 4 … 20 mA – Software history

Version, available since	Description
1.3.3, 09/2018	**Error correction:** – Measurement function: – In the climate-compensated version, the absolute pressure was outputted instead of the relative pressure – Optimized thermoshock compensation for 400 mbar measuring cells with double seal – Instrument software, in general: – The pointers were not updated and provided invalid values
1.3.2, 12/2017	**Modifications:** – Instrument software, in general: – Optimization of the sensor start and reset times **Error correction:** – Instrument software, in general: – Despite high voltage supply, the run up time was 20 seconds instead of 9 seconds – With an overpressure exisiting for a longer time (error status F013) the sensor started sporadically new – Continuous adjustment tool enquiries during the sensor start partly caused new starts – With an invalid measured value in the start ohpase, a valid current value was briefly outputted – With the first setup of a spare electronics, the customer-specific adjustment was reset – PLICSCOM adjustment: – Various error corrections in the Chinese menu
1.3.0, 11/2016	**Extensions and error correction of the second production version** **New functions and modifications:** – Instrument software, in general: – With scaled measured value, the sensor delivers the correct standard values (0 … 100.0) – PLICSCOM adjustment: – Quicker display of the measured value after a restart of the sensor or attaching PLICSCOM (the instrument version is no longer displayed) **Error corrections:** – Measurement function: – The jump response time was optimized – During the customer adjustment to the adjustment limits, the sensor display failure (F261 - 12017) after a restart – An adjustment span ≤1 mbar could not be adjusted – The sensor did not output a message "Value out of specification" although the pressure value was outside the limits

Version, available since	Description
	– When the scaled measured value was a pressure unit, then wrong standard values were assigned to the current output. – Instrument software, in general: – In the start phase, the measuring cell electronics as switched off and on again after a few seconds – In the start phase, PLICSCOM was switched off for several seconds – Sensor did not start with wrong delivery status – A reset to basic settings in error status F041 (no communication with the measuring cell electronics) was setting the adjustment to 0 ... 1 bar (the adjustment remains at 0 … 1 bar, even if the communication with the measuring cell electronics was restored) – A reset to delivery status did not reset the physical unit – With the first setup of a spare electronics, the customer-specific adjustment was reset – After a reset to delivery status, the spare electronics with customer-specific adjustment switched to error status F261-12015 – With VEGABAR 83 the sensor temperature peak value indicator sporadically stored impermissible values – PLICSCOM adjustment: – For special parameter 7 (source of the measuring cell temperature) an empty field was displayed in the DTM with VEGABAR 83 and VEGABAR 82 with MiniCERTEC® – In the menu "Min. adjustment", the max. adjustable value of the max. adjustment was displayed (on the bar graph) as max. adjustable value – The special parameters 8 (activate thermo-shock suppression Master) and 9 (activate thermo-shock suppression Slave) were not be taken into account in the function "Copy instrument settings“ – The displayed measured value was still flashing in the 3. measured value image even if the value could be displayed again – Sensor name was not displayed correctly in Russian language
1.2.2, 10/2015	**Error corrections** – Instrument software, in general: – The second current output did not function and outputted permanently interference current
1.2.1, 09/2015	**Error corrections** – Measurement function: – The measuring cell temperature is available again with VEGABAR 81, VEGABAR 82 with MiniCERTEC® and VEGABAR 83 – PLICSCOM adjustment: – It is now possible to switch on or switch off the thermoshock temperature also in PLICSCOM (via special parameter)
1.2.0, 06/2015	**Extensions and error correction of the first production version** **New functions and modifications:** – Measurement function: – Configurable adjustment limits for OEMs, depending on measuring range – Optimization of the starting time (time until the first measured value is outputted on the current output)

Version, available since	Description

	– PLICSCOM adjustment:
	  – Additional menu languages: Japanese and Chinese
	  – Variable positions after the decimal point for the display value
	  – Enquiry of the language setting when switching on the sensor for the first time
	  – Lighting standard setting switched on
	Error corrections:
	– Measurement function:
	  – In the application level measurement, the adjustment in "m" does not change, also when entering a new density
	  – Revision CERTEC® thermoshock compensation algorithm
	– Instrument software, in general:
	  – Simulation functions also without connected measuring cell (sensor in error status F041)
	  – The resistance temperature (instead of the diode temperature) is displayed with connected CERTEC® measuring cell
	  – Reset basic adjustments no longer rests the Device name
	  – Reset delivery status resets the units
	  – Device settings will be completely copied from PLICSCOM (settings for the user-defined unit and the adjustment were not copied)
	  – Optimization Power Management
	– PLICSCOM adjustment:
	  – Various error corrections

1.1.2, 12/2014	**Error corrections:** – Measurement function: – VEGABAR 81 and VEGABAR 83 - Temperature errors with the pressure value are now compensated correctly

1.1.0, 8/2014	**Function extensions**
	New functions and modifications:
	– Measurement function:
	  – Thermoshock compensation also for small front-flush process fittings
	  – Simulation of all measured values is also possible when the instrument is in fault state (previously it was only possible to simulate the current)
	– Instrument software, in general:
	  – New procedure for locking the adjustment: PIN can be modified by the user when locking the instrument
	  – Interference current "> 21 mA“ increased from 21.5 mA to 21.7 mA
	– PLICSCOM adjustment:
	  – Lighting switched on by default
	Error corrections:
	– Measurement function:
	  – Reset Basic adjustments comprises now also applications, position correction, totalizer, unit and time until triggering the alarm message
	  – Error during the conversion of the units removed in the current adjustment

Version, available since	Description
	– Several bug fixes – Instrument software, in general: – The Device Name must no be reset through a reset Basic adjustments – Software update was not reliably possible with little energy, now up to 7.35 V – PLICSCOM adjustment: – Various fault rectifications in the menu – The reset basic adjustments does not reset the language
1.0.0, 12/2013	**First version** **New functions and modifications relating to VEGABAR 50:** – Measurement function: – Increased accuracy – Quicker reaction time – Extension with application parameter adjustment – Thermoshock compensation – Measured values can be configured for the current output – Instrument software, in general: – Lower supply voltages possible – Device status according to NE 107 – PLICSCOM adjustment: – Modification of the menu structure – Modification of the layout with value changes – The following languages are available: – German – English – French – Spanish – Russian – Italian – Dutch – Portuguese

Legend:

Name	Description
Version	Compatibility version.Function extension version.Error correction version
available since	Month/Year