

VEGAPULS C 11 two-wire 4 ... 20 mA

Version, available since	Description
1.2.2, 12/2022	Error corrections: <ul style="list-style-type: none"> - Support alternative D/A converter on current output - Bluetooth communication: <ul style="list-style-type: none"> o Sensor now allows up to 5 simultaneous connections (but only one communicating VVO)
1.2.1, 05/2021	Error corrections: <ul style="list-style-type: none"> - Measurement function: <ul style="list-style-type: none"> - Error in the close range in the application "Bulk solids" corrected - Extending the additional safety at the end of the measuring range in the "stormwater overflow basin" application to 8 m - Bluetooth communication: <ul style="list-style-type: none"> - Sensor now allows up to 5 simultaneous connections (but only one communicating VVO)
1.2.0, 09/2020	New functions: <ul style="list-style-type: none"> - Measurement function: <ul style="list-style-type: none"> - Extensions for international radio approvals - Increased accuracy of the first measured value - Bluetooth communication: <ul style="list-style-type: none"> - Additional encryption of data transmitted via Bluetooth Error corrections: <ul style="list-style-type: none"> - Instrument software, in general: <ul style="list-style-type: none"> - The scaling unit "torr" could not be set
1.1.0, 01/2020	First sales version New functions: <ul style="list-style-type: none"> - Measurement function: <ul style="list-style-type: none"> - Linearization data of the adjustment tools are stored in the sensor, so that they are later available to the adjustment tools again - Negative adjustment values can be set - The adjustment determines now the vessel height - Settings of the application "Pump station" optimized - Default time for error message in case of echo loss set to 15 s (instead of 60 s) - Refined display of the echo curves - Various improvements in signal processing based on experience from field tests

Overview of the software versions

Version, available since	Description
	<ul style="list-style-type: none"> – Instrument software, in general: <ul style="list-style-type: none"> – A maintenance requirement message "Inconsistent software configuration" is displayed if the main and Bluetooth controller software do not match – Bluetooth software is transmitted in compressed form during a software update – During the update of the Bluetooth software, a maintenance requirement message "Software update in progress" is displayed – The Power Management was optimized Error corrections: <ul style="list-style-type: none"> – Measurement function: <ul style="list-style-type: none"> – Configuration option for unsupported linearization curves has been removed – Current electronics temperature could be higher (or lower) than the maximum (or minimum) peak value – Instrument software, in general: <ul style="list-style-type: none"> – Safety of the access protection procedure was increased – Bluetooth communication: <ul style="list-style-type: none"> – Security of the authentication procedure was increased
1.0.0, 05/2019	Pilot series

Legend:

Name	Description
Version	xx.yy.zz xx: Compatibility version. Will be increased when the compatibility to the previous version is no longer given. Value range 0 ... 99. yy: Function extension version. Will be increased when new functions or function changes were carried out on the previous version. Also errors can have been corrected with a function change. Value range 0 ... 99. zz: Error correction version. Will be increased when only errors were corrected on the previous version. Value range 0 ... 99.
available since	Month/Year