

VEGAPULS C 2x HART

Version, available since	Description	Device Rev.
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) 	2
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 - HART communication: <ul style="list-style-type: none"> - After changing the HART address with HART command 6, the sensor may stop measuring and restart after 2 minutes - The bit "More Status Available" in command 48 was not set if an error, maintenance request, out of specification or function control message was reset 	2
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 	1

Overview of the software versions

Version, available since	Description	Device Rev.
	<ul style="list-style-type: none"> – Various improvements in signal processing based on experience from field tests – 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 – HART communication: <ul style="list-style-type: none"> – Error code mapping in command #48 was wrong 	
1.0.0, 05/2019	Pilot series	1

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
Device Rev.	Version number of the instrument defined by Fieldbus. Consecutive integral number

Overview of the software versions

Name	Description
	Will be increased if in the "Application Layer" modifications were carried out, e.g. new commands, modifications in the data structure in a command.