

VEGAPULS Air 23

SW version	Device Rev.	available since	Valid for HW version
1.0.0		12/2020	from 0.0.3
Description			
First sales version			

SW version	Device Rev.	available since	Valid for HW version
1.1.0		05/2021	from 1.0.0
Description			
New functions:			
<ul style="list-style-type: none"> - Return channel via mobile radio <ul style="list-style-type: none"> o Transmitting interval can be changed o Measured value determination and transmission repeatable o Position determination enforceable at next measurement o LoRa Join executable o ... - Software update <ul style="list-style-type: none"> o Software update of the mobile modem via mobile radio possible - Inclination angle <ul style="list-style-type: none"> o No more error status is set for inclinations above 20° 			
Error corrections:			
<ul style="list-style-type: none"> - Payload: <ul style="list-style-type: none"> o Measured value is transmitted in m instead of mm 			

Overview of the software versions

SW version	Device Rev.	available since	Valid for HW version
1.2.0		10/2021	from 1.0.0
Description			
New functions: <ul style="list-style-type: none"> – Cellular bands for USA added – LoRa Join during fallback – With LoRa Join the LED flashes 5x at 2 Hz 			

SW version	Device Rev.	available since	Valid for HW version
1.2.1		01/2022	from 1.0.0
Description			
New functions: <ul style="list-style-type: none"> – LoRa transmission level set for USA 			
Error corrections: <ul style="list-style-type: none"> – LoRa ADR function: <ul style="list-style-type: none"> ○ LoRa ADR was always off 			

SW version	Device Rev.	available since	Valid for HW version
1.2.3		04/2022	from 1.0.0
Description			
Error corrections: <ul style="list-style-type: none"> – Mobile radio <ul style="list-style-type: none"> ○ IMEI readable 			

Overview of the software versions

SW version	Device Rev.	available since	Valid for HW version
1.3.0		03/2023	from 1.0.0
Description			
<p>New functions:</p> <ul style="list-style-type: none"> – Extension of the transmission packages for mobile radio and LoRa <ul style="list-style-type: none"> ○ Information packages in case of change ○ Deactivation message in the Cloud – Adjusted unit of the physical measured value and the temperature affects the transmitted measured value – Deactivation via return channel – Mobile radio <ul style="list-style-type: none"> ○ Pure mobile radio version possible ○ Adaptation bands for Canada and Australia – LoRa <ul style="list-style-type: none"> ○ VVO return channel ○ New bands IN868, AU915 and KR920 ○ Band AU915 for Australia ○ Repetition of the Join in the AU915 band (8x) ○ Emitted power for Australia/New Zealand in the AU915 band reduced <p>Error corrections:</p> <ul style="list-style-type: none"> – Transmission of the correct emission interval 			

Overview of the software versions

Legend:

Name	Description
Version	<p>xx.yy.zz</p> <p>xx: Compatibility version. Will be increased when the compatibility to the previous version is no longer given. Value range 0 ... 99.</p> <p>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.</p> <p>zz: Error correction version. Will be increased when only errors were corrected on the previous version. Value range 0 ... 99.</p>
available since	Month/Year
Device Rev.	<p>Version number of the instrument defined by Fieldbus.</p> <p>Consecutive integral number</p> <p>Will be increased if in the "Application Layer" modifications were carried out. E.g. new commands, modifications in the data structure in a command.</p>