

VEGAPULS Air 41/42

Version, available since	Description
2.0.1, 5/2023	Function extensions - Software update of the complete device via Bluetooth and mobile radio - Extension of the transmission packages for mobile radio and LoRa - Information packages in case of change - Deactivation message in the Cloud - Transmission of additional measured values such as percent, lin. percent and scaled (only LoRa) - Transmission temperature unit - Adjusted unit of the physical measured value and the temperature affects the transmitted measured value - Maintenance slot can be booked for service - During a Bluetooth connection, the position is not constantly determined, but must be triggered by action - Improved position determination through A-GPS - Acceptance and transmission of the position of the adjustment tool - Event-controlled measurement and transmission interval, change of transmission interval when a certain event occurs - Deactivation via return channel - Trigger for position determination to 65° - Mobile radio - Collective transmission possible (measure hourly, send daily) - Implementation of the Connection ID - Adaptation bands for Canada and Australia - Deactivation of the radar measurement during transmission - Use of current encryption methods - Energy savings through the use of Release Assistance Indication - LoRa - The target system for the measured values can be selected and thus adjustment, linearisation and scaling can be adjusted for external systems - VVO return channel - Band AU915 for Australia - Repetition of the Join in the AU915 band (8x) - Emitted power for Australia/New Zealand in the AU915 band reduced
	 Error corrections Transmission of the correct transmission interval in 24-hour mode Transmission of an NAN in case of unsuccessful position determination LoRa: Setting default settings before a Join
1.2.1, 3/2022	Function extensions - Mobile radio O IMEI readable





Version, available since	Description
	Error corrections - LoRa o ADR functions also with NBTrans > 1
1.2.0.	Function extensions
1.2.0, 11/2021	- Mobile radio
	 No more position determination despite deactivated position determination when changing radio cells In general No more faulty entry (inconsistent software configuration) in diagnostic memory during software update
1.1.0 5/2021	Function extensions Return channel via mobile radio Transmitting interval can be changed Measured value determination and transmission repeatable Position determination enforceable at next measurement LoRa Join executable Mobile radio eDRX possible Software update Software update of the mobile modem via mobile radio possible LoRa + Mobile radio



Overview of the software versions

Version, available	Description
since	Dooripaon
	 Each time the sensor is activated via NFC or magnetic pen, a join (LoRa only) and a measured value transmission is triggered
	- Inclination angle
	 No more error status is set for inclinations above 20°
	- Transmission interval
	 Reset values to 6 hour interval
	- Position determination
	 The position is determined when the radio cell is changed
	Error corrections
	- Bluetooth
	Optimization when using smartphones
1.0.0, 1/2021	First sales version

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