Introduction

The AWT420 dual-channel transmitter provides true flexibility for measuring a wide variety of parameters in a single device.

Packed with a host of features including Bluetooth® connectivity, dual PID control and EZLink™ sensor connection, water analysis has never been easier.

These release notes for the AWT420 transmitter software explain the fixed issues and known issues for the new software version.

For more information

Further publications for the AWT420 transmitter are available for free download from: www.abb.com/measurement or by scanning this code:

Links and reference numbers for the transmitter publications are also shown below:

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1 New functionality/features

- 4690 turbidity sensor module support
- Additional HART® commands for sensor configuration
- pH calibration via Modbus®

2 Software change details

- Bug fixes in 4690 turbidity sensor and transmitter software:
  - Prevents calibration and cleaning happening at the same time
  - Bug fixes within sensor calibration
- Fixed issue of pH calibrations failing if buttons are pressed too quickly

3 Recommendations

This upgrade is recommended for transmitters used with:
- 4690 turbidity sensors
- HART communications
- PROFIBUS® communications
- pH/Redox (ORP) sensors

This upgrade is advised for:
- All transmitters

4 Known issues

Upgrading to this version can cause an NV error on start-up, activating the Memory Write Error.

To clear the error:
1 Cycle the power.

If the error continues:
2 Do a full factory reset from the bootloader, which will reset the configuration.

5 Product support

Email: instrumentation@qb.abb.com

Acknowledgements

- Bluetooth is a registered trademark of Bluetooth SIG Inc
- EZLink is a trademark of ABB Limited
- HART is a registered trademark of the FieldComm Group
- Modbus is a registered trademark of Schneider Electric USA Inc
- PROFIBUS is a registered trademark of the PROFIBUS organization