PRODUCT INCREMENT 17

ABB Ability™ Smart Sensor

What’s new?

New Plant management page
The Plant management page is re-designed, yet its basic functionality remains unchanged. The Plant management page is now located under the Organization Management menu in its own tab together with Asset groups and User groups. Plant management is available for all users.

New Asset Details page
The Asset Details page will be re-designed. As a result, there will be a new menu item in the Asset Details menu. Currently, only a new Reports tab is visible on the New Asset Details page. This Reports feature will be added later. Therefore, the page does not have any functionality yet.
Synchronization of measurement timestamps

Smart Sensors for motors with firmware 9.2 or higher will support sending the measured speed value and timestamp for the measurement point over Bluetooth, and Smart Sensors for pumps with firmware 2.4 or higher will support receiving these parameters from the motor sensor. This means that a pump sensor can use the speed value measured by a motor sensor. If synchronization information is shared between a motor sensor and a pump sensor, the synchronization information is shown in the Asset Details page in the portal behind “i” button.

All users can synchronize the measured speed value from a motor sensor to a pump sensor. The synchronization can be done in the app by selecting a commissioned pump sensor, opening the asset menu and clicking the new menu item “Synchronize Speed”. By selecting this menu item, users can select the motor sensor that is used in the synchronization. Both sensors must be in Bluetooth range, they must be commissioned, and the user must have user access rights for both assets in Smart Sensor environment.

Explanations for icons in the app

Explanations for icons are added on the mobile app version 7.2. The explanations can be found by clicking the “i” symbol after one asset is selected in the app.

Possibility to enter serial number manually

It is possible to enter the sensor’s serial number manually when activating a new sensor with mobile app version 7.2. However, the activation can still be done by scanning the sensor’s QR code as earlier.

Minor fixes for the texts and pop-ups and improvements for the usability

A few small changes that make the user experience smoother.