Battery Lifetime Calculator for WILSEN Devices

For diagnosis and maintenance of WILSEN devices there is a Pepperl+Fuchs service function to calculate the battery lifetime approximately.
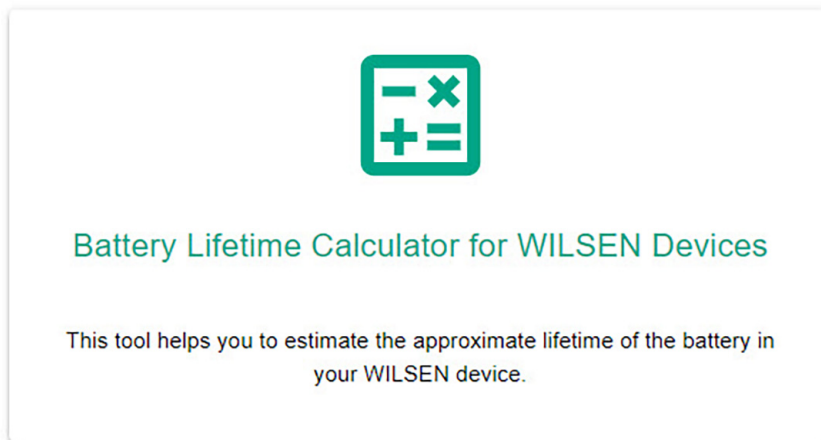
The tool offers to estimate the approximate battery lifetime depending on following aspects:

- The LoRaWAN network performance
- Various application-dependent parameter values
- The measurement and transfer frequency required in the application

Operating

1. Open the web page for the WILSEN service function:

   https://wilsen-services.pepperl-fuchs.com/

2. Click on the tab for the "Battery lifetime calculator"

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This tool helps you to estimate the approximate lifetime of the battery in your WILSEN device.

↳ The "Battery lifetime calculator" shows a list of specifications to be defined.

3. Set the respective parameter values that apply to your application.

4. Click on "GET ESTIMATION" button to start the calculation.

↳ As a result, you get the estimated battery runtimes for good, average and bad LoRaWAN coverage / network service quality.

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