

Software extension for brake & acceleration measurement

Extension for OMS 4 and OMS 7 Sensors

Description

Our latest software extension offers you a wide range of functions and options for carrying out brake and acceleration measurements with our OMS 4 and OMS 7 sensors. With this extension, you can calculate precise characteristic values directly and use various output options.

You can output the acquired measurement data directly via the CAN bus or via Ethernet, which enables seamless integration into existing systems. It is also possible to save the measurements in a CSV file. By using the CSV format, you have the flexibility to easily open, analyze and further process the recorded data in common software applications or simply print out the measurement results.

To make the measurement process efficient, the software has an automatic sequence control. It is also possible to control the measurements via CAN commands, which enables a high degree of flexibility in the process.

Various trigger options, such as light barrier, brake switch, speed, distance and time, allow you to adapt the measurement process precisely to your requirements. These comprehensive trigger options ensure precise and reproducible data acquisition, regardless of the specific conditions of your application.

With our software extension, you have full control over the start and end of the measurements so that you can record the desired data in a targeted and reliable manner. This enables you to carry

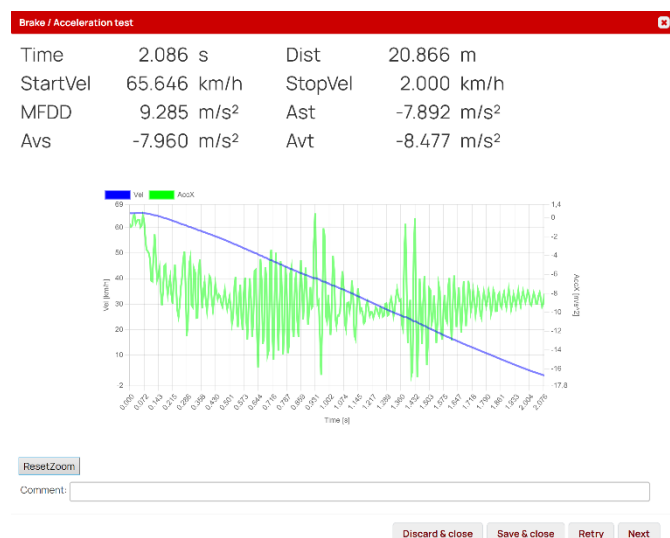


Fig. 1: Example of a braking measurement

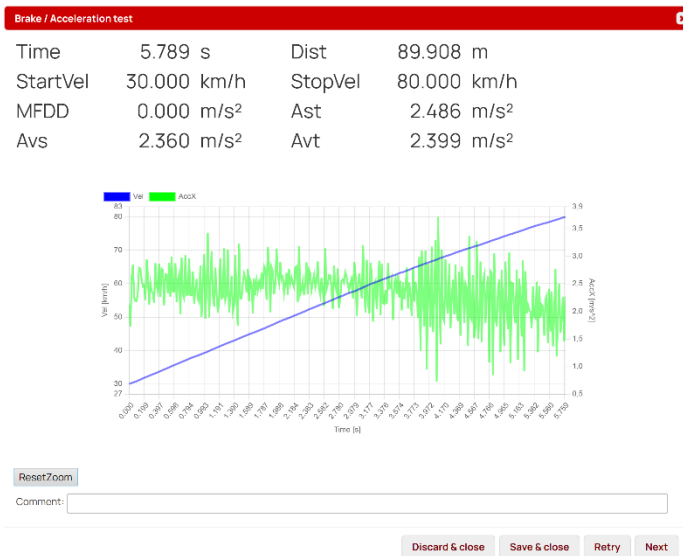


Fig. 2: Example of an acceleration measurement

acceleration measurements. The extensive functions and output options enable you to record the measured values efficiently and precisely, whether as an extension for your existing data acquisition solution or as a stand-alone solution without additional data acquisition.

Features

- Direct calculation of characteristic values (e.g. MFDD, Dist, StartVel, ...)
- Output to CAN bus / Ethernet
- Storage of measurements in a CSV file
- Various trigger options
- Automatic sequence control
- Sequence control via CAN commands possible
- Graphic display via web browser possible

Order number

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MT0000295