Detection

SOBO^{3+}



SOBO^{3+}

Device for the measurement of the residual amount of salt

The SOBO^{3+} applies the method of conductivity measurement to determine the quantity of salt on the road surface. To do this, a specific anti-freezing liquid is sprayed on the road surface. The present salt in the measured area is dissolved and the conductivity of the solution is measured. Then the salt quantity is determined and displayed on a LCD display.
The mobile app SOBO collects the measurements and sends them to the desired address in the form of reports.

The measurement of different de-icing solutions is configurable, either NaCl and $CaCl_2$. According to this parameter, the SOBO^{3+} is able to measure the quantity present on the road. The built-in temperature compensation device assures that the measured result is independent from the temperature, at which the measurement was performed. Additionally the SOBO^{3+} is able to measure and visualize on the LCD display the road surface temperature.

Subjet to technical modifications without prior notice. 04/2019 DV.03848.4-A_(E)

- → ***Determination of the amount of salt on the road***
- → ***Also measures on a dry road surface***
- → ***Application for NaCl and $CaCl_2$***
- → ***Measurement of the surface temperature***
- → ***Wireless connection with mobile app***





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