



### Surface temperature sensor for runway and highway-temperatures

- **Parameters measured**  
Road / Runway Surface Temperature
- **Measurement technology**  
Temperature / NTC
- **Article number**  
8160.WST1

The surface temperature sensor measures runway and highway-temperatures highly precise, both on asphalt and concrete.

The Surface temperature sensor WST1 works in conjunction with the intelligent active road sensor ARS31Pro and any WS weather station (except the Lufft WS100 precipitation sensor) of the Lufft UMB-Technology.

General	
Dimensions	Ø 60 mm, height 40 mm
Weight	Approx. 150 g
Storage temperature	-40...70 °C
Protection type	IP68
Operating temperature	-40...70 °C
Cable length	50 m

Temperature	
Principle	NTC
Measuring range	-40 ... 70 °C

# Technical Data

Passive Road Surface Temperature Sensor WST1



Unit	°C
Accuracy	±0.3 °C (-10...+10 °C) otherwise ± 1.0 °C

## Page 2

Technical modifications and errors excepted - Created 16/02/2026  
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