

## 8241 GRASS TEMPERATURE SENSOR



The practical and weatherproof solution for precise air temperature measurement at grass height

The Grass Temperature Sensor 8241 is a practical device for measuring air temperature at a height of 50 mm above the ground—at grass height. It is designed to provide accurate temperature readings and is weatherproof, allowing it to withstand both rain and sunlight. This sensor is ideal for applications in agriculture, horticulture, and environmental research, where soil temperature plays an important role. Thanks to its robust design and ease of use, the sensor is a reliable choice for anyone needing precise temperature measurements.

- World-wide popular standard measuring elements
- Robust and corrosion resistant through stainless steel housing

### APPLICATIONS

- Agriculture
- Horticulture
- Environmental research

Professional Line	8241
Id-No.	00.08241.000000
Meas. range air temperature	-30...+70 °C
Accuracy air temperature	0.1 °C at 0 °C according to DIN / ICE 751 (1/3 DIN)
Output	Pt100 resistor; 100 Ohm at 0 °C
Measuring elements	Platinum thermometer; Pt 100 1/3 DIN 43760 Class B
Dimensions	Sensor: length 120 mm; Ø 5 mm Mounting: 250 x 60 x 45 mm (L x W x H)
Weight	Approx. 1 kg (incl. case and mounting)
Cable	Approx. 7.5 m

As of: 04.03.2025