

Grass temperature sensor 8241



Desert sand and frozen soil

are the objects to be measured and the starting point for the right choice of sensors. Sensor (8241), which includes radiation protection and a mounting rod, is best suited for measuring temperatures about 5 cm above ground (grass level).

- world-wide popular standard measuring elements
- robust and corrosion resistant through stainless steel housing

APPLICATIONS

- automatic weather stations
- meteorology and environmental measurement technology
- building systems
- climate monitoring
- industrial metrology

| Professional Line | Grass temperature sensor 8241 |
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| Id-No. | 00.08241.000000 |
| Meas. range air temperature | -30...+70 °C |
| Accuracy air temperature | 0,1 °C bei 0 °C gemäß 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: 27.01.2022