EARTH SYSTEM
GEOTECHNICAL SOLUTIONS

TECHNINCAL FEATURES

✓ Type if sensor: PT100 platinum resistance;

✓ Typical range: from -40 to +60°C;

✓ Sensitivity: 0,01°C;

✓ Accuracy: +/- 0,1°C;

✓ Output signal: Pt100, 4-20 mA;

✓ Response time: <8 seconds;

✓ Power supply: 10,8-30 VDC;

✓ Consumption: <0,1 W;

✓ Operating conditions: from -50 to +80°C;

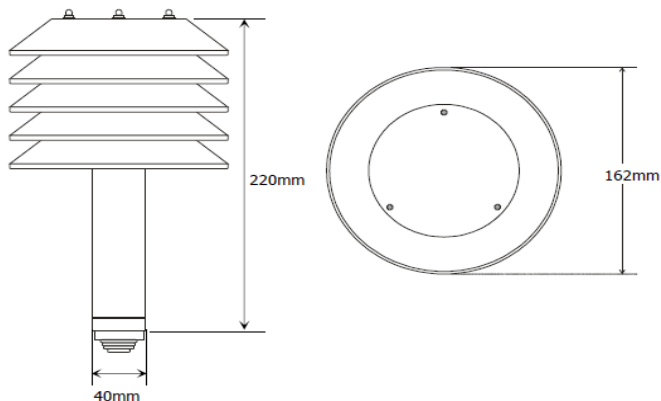✓ Material: aluminum body, stainless steel bucket;

✓ Weight: 680 g.

CE product compliant with European directives

The sensor for measuring temperature consists of a Pt100 platinum resistance thermometer (from 100 Ω at 0°C), sensitive to temperature variations according to DIN 437601/3DIN standards.

The sensitive element is protected by a series of screens against direct sunlight and UV radiation, arranged in such a way as to ensure natural ventilation.

Their specific reflective white colour cancels the heating effect induced on the sensitive element, to guarantee maximum precision.

220mm

40mm

162mm

DIMENSIONS	
Total height mm	220
Total width mm	162