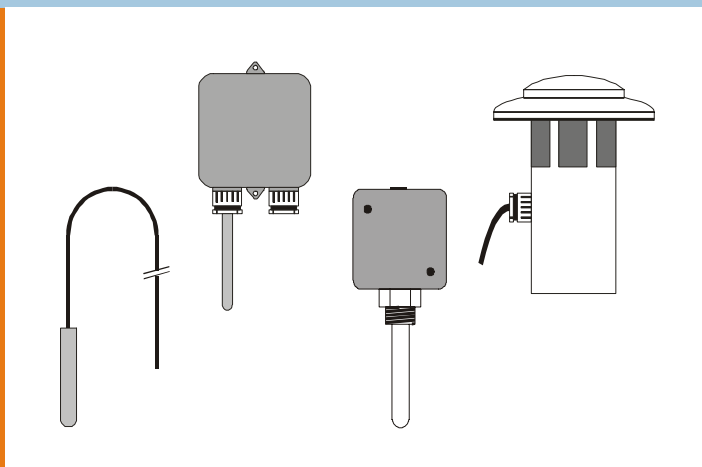


HOTRACO HELPS



PT1000

Temperature sensor for
ORION

Hotraco Agri BV

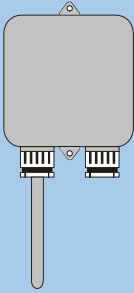
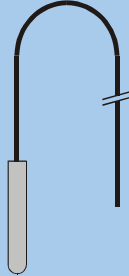
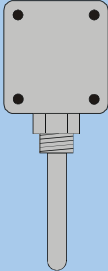
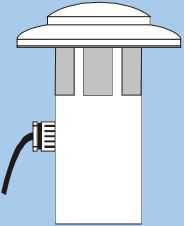
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PT1000

Temperature sensor

General

The PT1000 is a three-wire temperature sensor with shielding and can be used in different applications. Therefore the PT1000 is available in different encasings. The sensors can be integrated in configurations with Orion computers.

| PT1000 | PT1000-6 | PT1000-W | PT1000-BU |
|--|--|---|--|
|  |  |  |  |
| Room temperature | Floor temperature | Water temperature | Outside temperature |

| Sensor | Material | Dimensions | Screw thread | Cable length | Encasing | Material | Dimensions |
|--------|---------------------|--------------|--------------|--------------|----------|-----------|----------------|
| | stainless steel | Ø 6mmx45mm | - | 250mm | | PVC | 75x75x35mm |
| | stainless steel | Ø 6mmx45mm | - | 6m | | - | - |
| | brass-nickel plated | Ø 10mmx100mm | 1/2" 15mm | 250mm | | Aluminium | 58x64x36mm |
| | stainless steel | Ø 6mmx45mm | - | 250mm | | PVC | Ø 60/140x210mm |

Technical specifications:

| | |
|------------------------|--|
| Temperature range | : -50 °C tot +100 °C |
| Tolerance | : ± 0,1% |
| Wiring | : PVC-cable grey 3 x 0,25 mm ² + shield |
| Resistance temperature | : white-brown; 1000 Ω (0 °C) + 3,8 Ω/°C |
| | : brown-green; 0 Ω |