

Datasheet

3x0,8Pt100A-7Pt

112027

Summary

This platinum temperature sensor element is characterized by its small size and is therefore used in the smallest applications.

Dimensions in mm

| | L | B | L ₁ | H | Ø |
|--|-----------|-----------|----------------|-----------|-------------|
| | 3,0 ± 0,2 | 0,8 ± 0,2 | 7 ± 1 | 0,6 ± 0,2 | 0,15 ± 0,01 |

Technical specifications

| Nominal resistance R ₀ at 0°C | Specification | Tolerance | Order Number | Item Number |
|---|---------------|----------------|-----------------|-------------|
| 100 Ω | DIN EN 60751 | F 0,15 (DIN A) | 3x0,8Pt100A-7Pt | 112027 |

Temperature range:

-200 ° C to +600 ° C

Validity of tolerance F 0.15: -90 ° C to +300 ° C

Temperature coefficient:

TK = 3850 ppm / K

Connecting wires:

platinum wire, suitable for welding, crimping and soft / hard soldering

Long-term stability:

< 0.04 % after 1,000 hours at maximum working temperature

Recommended measuring current:

1 mA (consider self-heating)

Note:

Please refer to our application and installation instructions.

RoHS compliant