

Technische gegevens

8508A-PRT | Platinum Resistance Thermometer



Productoverzicht: 8508A-PRT | Platinum Resistance Thermometer

Product Overview: 8508A-PRT | Platinum Resistance Thermometer

- Range to 661°C
- Meets all ITS-90 requirements for resistance ratios
- Rtp drift < 20 mK after 500 hours at 661°C
- Calibrated accuracy of ± 0.006 °C at 0 °C

The 8508A-PRT Secondary Standard PRT Temperature Sensor has been designed and manufactured by Fluke Calibration's primary standards metrologists, to complement the Fluke 8508A Reference Multimeter's precision PRT temperature function.

Specificaties: 8508A-PRT | Platinum Resistance Thermometer

Specifications

Temperature Range	-200 °C to 661 °C
Handle Temp.	0 °C to 80 °C
R_{TPW}	100 Ω (± 1 Ω)
Resistance Ratio W(Ga)	W(302.9146K) □ 1.11807 α □ 0.003925
Calibrated Accuracy[†] (k=2)	± 0.006 °C at -200 °C ± 0.006 °C at 0 °C ± 0.015 °C at 420 °C ± 0.022 °C at 661 °C
Stability	± 0.003 °C
Long-Term Drift (k=2)	< 0.006 °C/100 hours at 661 °C
Immersion	At least 12.7 cm (5 in) recommended
Sheath	Inconel™ 600
Lead Wires	4-wire Super-Flex PVC, 22 AGW
Size	6.35 mm dia. 381 mm (0.25 x 15 in)
Calibration	Accredited calibrations from Fluke Calibration included
†Includes calibration and 100 hr drift	

Modellen



8508A-PRT

Platinum Resistance Thermometer

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