INDUSTRIAL PLATINUM
RESISTANCE THERMOMETER

beamex
A BETTER WAY TO CALIBRATE

Beamex IPRT-300 Pt100 probe

The Beamex IPRT-300 is a robust industrial general-purpose temperature probe. It can be used up to +300°C (+572°F) temperature. The IPRT-300 provides a good accuracy of ±0.04 °C when used with the provided coefficients. The probe is a standard IEC60751 Pt100 (385) probe, so it can be used also without correction coefficients, providing better than 1/5 DIN accuracy. The IPRT-300 is provided with a Lemo connector, so it can be plugged in to Beamex MC6 family calibrators and Beamex dry blocks. The probe comes with an accredited calibration certificate with the coefficients included as standard.

MAIN FEATURES:

- A robust industrial temperature probe for multiple purposes
- Temperature range −45 °C ... +300 °C (−49 °F ... 572 °F)
- Accuracy up to ±0.04 °C with coefficients
- Provided with a 6 Pin connector compatible with Beamex MC6 family calibrator and Beamex dry blocks
- Comes with an accredited calibration certificate with coefficients included

SPECIFICATIONS

FEATURE	SPECIFICATION
Structure	Pt100 4-wire connection wire wound in stainless steel casing
Temperature range	−45 °C ... +300 °C (−49 °F ... 572 °F)
Accuracy (with coefficients) [1	0.04 °C
Accuracy (without coefficients) [1	0.06 °C + 0.1% RGD (1/5 IEC 60751 class B)
Dimensions	Ø 3 mm x 250 mm (0.12" x 9.84")
Cable	3.0 m (9.84') long Teflon/Silicon cable
Connector	6 Pin Lemo connector, compatible with several Beamex products
Weight	~ 110 g (0.24 lb)
Calibration	Accredited calibration certificate included as standard, including the ITS-90 and Callendar van Dusen coefficients
Warranty	1 year

1) Excluding calibration uncertainty

To use the IPRT-300 probe with a calibrator with four banana plugs, please use the adapter (code 8120500) available as an optional accessory.