

## SHORT INDUSTRIAL RESISTANCE THERMOMETER

**beamex**  
A BETTER WAY TO CALIBRATE



114

# Beamex SIRT-155 Pt100 probe

The Beamex SIRT-155 is a very short temperature probe provided with a thin flexible cable.

SIRT-155 is a great solution to be used as a short reference sensor when calibrating short sanitary sensors with Beamex MC6-T150 temperature calibrator. But SIRT-155 can be also used as a general-purpose small temperature sensor.

SIRT-155 offers a temperature range from -30 °C to 155 °C (-22 to 311 °F).

SIRT-155 is a standard IEC60751 Pt100 sensor and can be used without any coefficients. If you need better accuracy, you can use the probe with the provided coefficients.

SIRT-155 is provided with a handy Lemo connector, so it can be easily connected into several Beamex calibrators. With an adapter cable to 4 banana plugs, it can be also connected into any Pt100 measuring device.

### MAIN FEATURES:

- Short sensor with thin flexible cable
- Optimal for calibration of short sanitary sensors
- Temperature range -30 °C to 155 °C (-22 to 311 °F)
- Provided with a 6 pin Lemo connector compatible with many Beamex calibrators
- Comes with an accredited calibration certificate with data and coefficients

### SPECIFICATIONS

FEATURE	SPECIFICATION
Structure	Platinum ThinFilm Pt100 4-wire connection in stainless steel casing
Temperature range	-30 °C to 155 °C (-22 to 311 °F)
Accuracy with coefficients <sup>(1)</sup>	0.02 °C
Accuracy without coefficients <sup>(1)</sup>	IEC 60751 Class A (0.15 °C + 0.02% of reading)
Dimensions	Ø 3 mm x 30 mm (0.12" x 1.18"), 10 mm (0.39") bending protection
Cable	1.5 m (4.92') long PTFE cable
Connector	6 Pin Lemo connector, compatible with several Beamex products
Weight	~ 28 g (0.06 lb)
Calibration	Accredited calibration certificate included as standard, including ITS-90 and Callendar van Dusen coefficients
Warranty	1 year

1) Excluding calibration uncertainty

To use the SIRT-155 probe with a calibrator with four banana plugs, please use the adapter (code 8120500) available as an optional accessory.



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