



Springfield STN-Series Temperature Sensors

PT 100 Type RTD'S, ALMEMO Ready

Specification

The STN-Series are precision-made resistance temperature detectors available in a variety of configurations. STN-Series RTDs are 4-wire 100-Ohm Platinum sensors and, as standard, conform to Class B of DIN/IEC 751. Higher accuracies are available. Standard sensor cable length is 5 feet.

An ALMEMO connector is supplied with each sensor. The sizes and types of sensors listed here are just a small fraction of our complete RTD product offering. Please call on us if you don't see something to suit your needs!

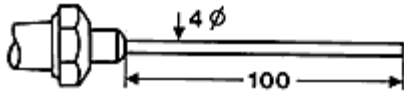
**get a printer-friendly Acrobat™
file of this information**

Get a printer friendly Acrobat™ file for each of the following:

- Available air velocity sensors, probes and pitot tubes
- ALMEMO® manual: Technical detail for AMR dataloggers, sensors, input connectors, adaptor cables & network products

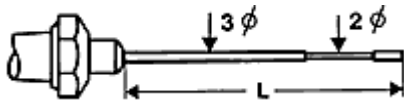
Accuracy:	Class B
At -200°C and +200°C	+/-1.3°C
At -100°C and +100°C	+/-0.8°C
At 0°C	+/-0.3°C
At +300°C	+/-1.8°C
At +400°C	+/-2.3°C

Class A	1/5 Class B
+/-0.55°C	+/-0.26°C
+/-0.35°C	+/-0.16°C
+/-0.15°C	+/-0.06°C
+/-0.75°C	+/-0.36°C
+/-0.95°C	+/-0.46°C



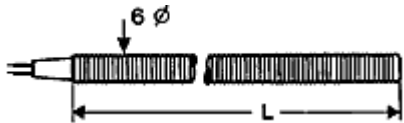
General Purpose

Type 206, Tmax=300°C, T90=15s
L = 100mm #FPA206-1



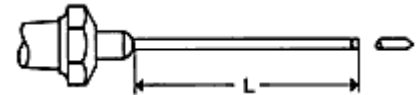
For surface measurement

Type 224, Tmax=400°C, T90=10s
L = 100mm #FPA224



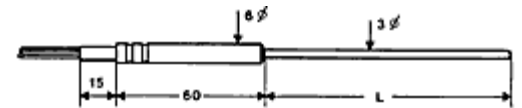
For oil temp. measurement in engines

Type 853, Tmax=150°C, T90=15s
L = 900mm #FPA853-2
L = 1300mm #FPA853-3



Penetrating tip

Type 223, Tmax=300°C, T90=8s
L = 100mm #FPA223



General purpose

Type 444, T=-200...+300°C, T90=8s
L = 100mm Ø = 3mm #FPA444



For air measurement

Type 853, Tmax=85°C, T90=6s
L = 100mm Ø = 6mm #FPA853-5

ACCESSORY ORDERING INFORMATION

KY-324	6-Foot Extension Cable for Almemo sensors
KY-1232F	13-Foot Extension Cable for Almemo Sensors
KY-32G	32-Foot Extension Cable for Almemo Sensors