

Temperature Sensors (Simple RTD) | YYT Series

The resistance temperature detectors in the YYT series are suitable for simple measurement applications.



Note: The model in the photograph is YYT1.

Specifications

Resistance temperature detector

Standards compliance	JIS C 1604
Resistor type	Pt100Ω
Tolerance	Class B
Conductor method	Three-conductor method
Protection tube material	SUS316
Specified current	1 mA
Measurement range	0 to 250 °C
Protection tube pressure resistance	1 MPa

Lead wire

Lead wire type	Lead wire heat resistance
H: PFA insulation	0 to 250 °C

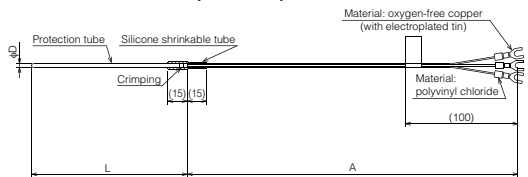
Straight pipe type

Model No. configuration

Ex.: YYT1PH3210010AA0

Basic model No.	Sensor type	Measurement range	Protection tube outer diameter (mm), φD	Protection tube length (mm), L	Lead wire (mm), A	Terminal type	Option 1	Option 2	Remarks
YYT1	P	H	32 (φ3.2 mm)	100 (100 mm)	10 (1,000 mm) 20 (2,000 mm) 40 (4,000 mm)	A B C	0	0	M3 terminal M3.5 terminal M4 terminal None None

External dimensions (unit: mm)



•Other shapes are also available.

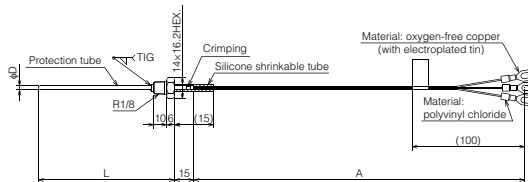
Screw-mounting pipe type

Model No. configuration

Ex.: YYT2PH3206510AA0

Basic model No.	Sensor type	Measurement range	Protection tube outer diameter (mm), φD	Protection tube length (mm), L	Lead wire (mm), A	Connection terminal	Screw (screw size)	Option	Remarks
YYT2	P	H	32 (φ3.2 mm)	065 (65 mm)	10 (1,000 mm) 20 (2,000 mm) 40 (4,000 mm)	A B C	A (R1/8)	0	M3 terminal M3.5 terminal M4 terminal None

External dimensions (unit: mm)



•Other shapes are also available.

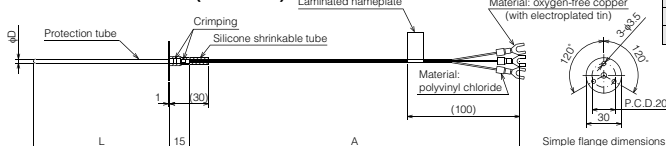
Simple flange-mounting pipe type

Model No. configuration

Ex.: YYT3PH3206510AA0

Basic model No.	Sensor type	Measurement range	Protection tube outer diameter (mm), φD	Protection tube length (mm), L	Lead wire (mm), A	Connection terminal	Option 1	Option 2	Remarks
YYT3	P	H	32 (φ3.2 mm)	065 (65 mm)	10 (1,000 mm) 20 (2,000 mm) 40 (4,000 mm)	A B C	0	0	M3 terminal M3.5 terminal M4 terminal None None

External dimensions (unit: mm)



•Other shapes are also available.

1

DIGITAL CONTROLLERS

2

RECORDERS, INDICATORS

3

CONVERTERS

4

FLAME SAFEGUARD SYSTEM

5

ACTUATORS

6

SENSORS

7

GAS FLOW MEASUREMENT AND CONTROL PRODUCTS