

Temperature Sensors (Chemical-Resistant) | YYQZ01 Series

With fluororesin protection tubes, the resistance temperature detectors in the YYQZ01 series are suitable for chemical-resistant temperature measurement.

Specifications

Resistance temperature detector

Standards compliance	JIS C 1604
Resistor type	Pt100Ω
Tolerance	Class B
Conductor method	Three-conductor method
Protection tube material	Fluororesin
Specified current	1 mA
Measurement range	See Table 1.

Lead wire type

Lead wire type	Lead wire heat resistance
FEP insulation	0 to 200 °C
PFA insulation	0 to 250 °C

Table 1. Type

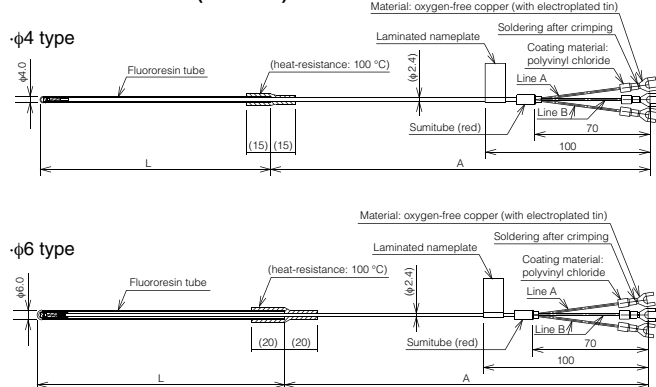
Protection tube type	Measurement range
FEP insulation	0 to 200 °C
PFA insulation	0 to 250 °C

Model No. configuration

Ex.: YYQZ01BF410010N0

Basic model No.	Sensor type	Specified current value	Protection tube type	Protection tube outer diameter (mm), φD	Protection tube length (mm), L	Lead wire length (mm), A	Terminal type	Inspection results	Remarks
YYQ	Z01	B	F	P	4 (φ4.0 mm)	100 (100 mm)			Pt100Ω single element
						200 (200 mm)			Class B (resistance temperature detector), specified current 1 mA
									FEP protection tube. Measurement range: 0 to 200 °C
									PFA protection tube. Measurement range: 0 to 250 °C
				6 (φ6.0 mm)					
					100 (100 mm)				
					200 (200 mm)				
					300 (300 mm)				
					400 (400 mm)				
					500 (500 mm)				
					600 (600 mm)				
					700 (700 mm)				
					800 (800 mm)				
					900 (900 mm)				
					A00 (1,000 mm)				
					10 (1,000 mm)				
					20 (2,000 mm)				
					30 (3,000 mm)				
					40 (4,000 mm)				
					50 (5,000 mm)				
					60 (6,000 mm)				
					70 (7,000 mm)				
					80 (8,000 mm)				
					90 (9,000 mm)				
					A0 (10,000 mm)				
							N		None
							A		M3 terminal
							B		M3.5 terminal
							C		M4 terminal
								0	Inspection results not included
								D	Inspection results included
								Y	JCSS calibration certificate included

External dimensions (unit: mm)



Note: Recalibration is available for temperature sensors whose protection tube is 350 mm in length or longer.
 •Other shapes are also available.