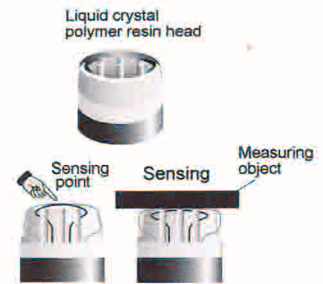


ST-230 □ - K-1000-□□□

- No symbol : No case
- *K : With case
- /F : Silicon rubber coated cable (Green) Standard type
- /C : Spiral cable
- 3C : Connector for DP-350
- 6C : Connector for DP-700
- 1000 : Cable length 1m
- * Please contact distributors for cable length more than 1m.
- K : Thermocouple K
- No symbol : Straight type
- L : L shaped type



• For silicon-coated cable of ST-230/230L, with a cable diameter of $\phi 3.3\text{mm}$.

- Tilting sensor head type with free movement head. The temperature can be accurately measured by pressing the temperature sensor against the object under measurement.
- Dimpled processing for grip
- Fitting feeling allows easy gripping with the bare hand or even when wearing gloves.
- Temperature sensor has a maximum operating temperature of 300°C and is designed to measure the surface temperature of metals and insulators. (Temperature Range : -40 to 300°C)
- The head is made of a liquid crystal polymer resin that does not scratch the measurement object and has little thermal effect.

	Response Time		Resistance value (With cable 1m)	Accuracy (*)
	Response of 99%	Response of 90%		
ST-230	1.1 sec (Metal Surface)	0.45 sec (Metal Surface)	7.7 Ω	$\pm 1.3^\circ\text{C}$ or $\pm 1.3\%$ of measured temperature (Whichever is larger)
ST-230L				

(*) : Accuracy when temperature on copper metal surface is 100°C.



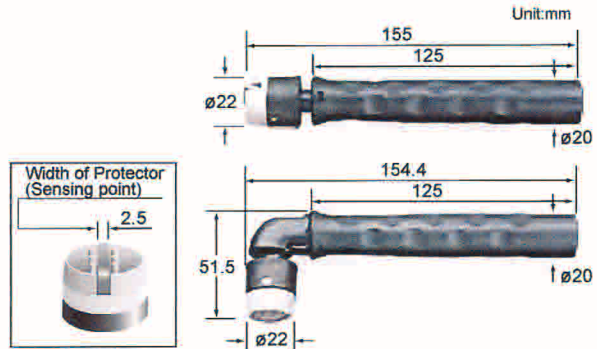
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ST-230L Max. 300°C



ST-230 Max. 300°C



Conventional product (ST-23)



ST-230



With a conventional sensor, a gap between the sensing element and the measured object caused by unintentional movement results in measurement error. The ST-230 uses a tilting head structure which keeps a firm contact and minimizes the influence due to unintentional movement of the sensor.



Temperature sensors for various applications

Temperature sensors for various applications

For Stationary Surface

For General Purpose

Maximum Operating Temperature 300°C

Page 6 to 7



ST-23

Max 300°C



ST-30

Max 300°C



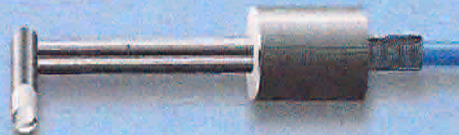
ST-23L

Max 300°C



ST-30L

Max 300°C



ST-230L

Max 300°C



Tilting Sensor Head Type **ST-230**

Max 300°C

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