

Model **ST** series

Flat Leaf Probes

Model ST series probes are multi-purpose temperature sensors featuring a flexible tape shape.

They can be glued to the surfaces of measurement targets for use in a range of applications. Specific components may be combined to customize products for the needs of a customer's specific application.

ST模式系列

ST模式系列产品是具有柔软性的胶带状多用温度感应器。可以粘贴到测试对象的表面，还可以用于其他多种测试方法。通过组合各个规格的组件，可以按照客户的用途进行个性选配。

モデルSTシリーズは、柔軟性のあるテープ形状をした多目的温度センサです。

測定面に貼り付けるなど、様々な用途にご利用いただけます。各パーツの仕様を組み合わせる事により、お客様の用途に合わせてカスタマイズする事が出来ます。

Typical probes of ST series

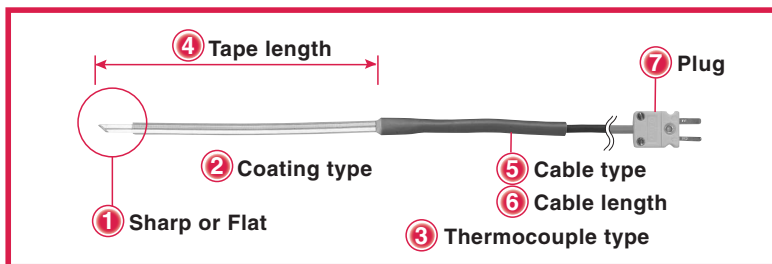
Type K Model ST-11K-010-TS1-ANP
Type E Model ST-11E-010-TS1-ANP

Temp. range	Tolerance	Response time	Durability
-50~210°C	±2.5°C (at 100°C)	2.0 s	S

Type K Model ST-11K-010-0-ANP
Type E Model ST-11E-010-0-ANP

Temp. range	Tolerance	Response time	Durability
-50~210°C	±2.5°C (at 100°C)	2.0 s	S

How to order of ST series



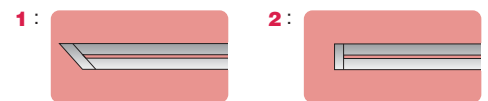
ST-11K-008-TS1-ANP



① Sharp or Flat	1 : Sharp 2 : Flat
② Coating type (Max. temp.)	1 : Open (Teflon coating) 2 : All coating (Teflon coating) 3 : Open (Polyimide) 4 : All coating (Polyimide) *350°C if the tape length exceeds 150mm.
③ Thermocouple type	K : Chromel-Alumel E : Chromel-Constantan
④ Tape length	003 : 30mm 005 : 50mm 008 : 80mm 010 : 100mm 200 : 2000mm
⑤ Cable type (See page 5)	TS : For ST-*1, ST-*2 GW : For ST-*3, ST-*4 0 : Without cable
⑥ Cable length	1 : 1m 1.5 : 1.5m 2 : 2m 2.5 : 2.5m *No cable if the cable type is "0."
⑦ Plug (See page 4)	ANP : P plug ASP : S plug W : Without plug

① Sharp or Flat

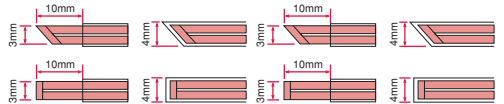
You can choose junction form as below.



② Coating type

You can choose coating type as below.

1 : Open (210°C) **2** : All coating (210°C) **3** : Open (400°C) **4** : All coating (400°C)



Open part.....t=0.05
Coating part...t=0.2

④ Tape length

You can choose tape length as below.

003 : 30mm	020 : 200mm	045 : 450mm	090 : 900mm
005 : 50mm	025 : 250mm	050 : 500mm	100 : 1000mm
008 : 80mm	030 : 300mm	060 : 600mm	150 : 1500mm
010 : 100mm	035 : 350mm	070 : 700mm	200 : 2000mm
015 : 150mm	040 : 400mm	080 : 800mm	

Specifications

Tolerance	Open ±2.5°C (at 100°C) All coating ±2.5°C (at 100°C)
Response time	Open 2.0 s All coating 8.0 s
Durability rank	S

Attention

Where the probes are not glued or inserted, the operating temperature limits are as follows:

	ST-*1	ST-*2	ST-*3	ST-*4
Tape ≤ 150mm	200°C	180°C	200°C	200°C
Tape > 150mm	200°C	180°C	180°C	180°C