

# Model SH series

## Small Head Probes

Model SH series probes are ideal for measuring the temperatures of moving or rotating surfaces. The SH series is better suited to small measurement targets than the U series.

Specific components may be combined to customize products for the needs of a customer's specific application.

### SH模式系列

SH模式系列产品是适用于移动或旋转表面温度测试的温度感应器。

与U模式系列产品相比更适合较小物体的测试。

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SHシリーズは、移動または回転する表面の温度測定に適した温度センサです。

モデルUシリーズよりも、より小さい物体の計測に適しています。

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 SH series

**Type K Model SH-14K-TS1-ANP**  
**Type E Model SH-14E-TS1-ANP**

Temp. range	Tolerance	Response time	Durability
-50~250°C	±2.5°C (at 100°C surface)	5.0 s	B

**Type K Model SH-46K-TC1-ANP**  
**Type E Model SH-46E-TC1-ANP**

Temp. range	Tolerance	Response time	Durability
-50~250°C	±2.5°C (at 100°C surface)	5.0 s	A

## How to order of SH series

### SH-46K-TC1-ANP



### ① Style and Heavy duty

You can choose style and heavy duty as below.

Setting type	Standard	1:	
	Heavy duty	2:	
Grip type	Standard	3:	
	Heavy duty	4:	

### ② Guard form

You can choose guard form φ as below.



### Specifications

Tolerance	±2.5°C (at 100°C surface)
Response time	5.0 s
Durability rank	SH-1*, SH-3* : B SH-2*, SH-4* : A
Max. temp.	250°C

① Style and Heavy duty	1 : Setting type 2 : Setting type (Heavy duty) 3 : Grip type 4 : Grip type (Heavy duty)
② Guard form	1 : Flat (only SH-1*, SH-3*) 2 : φ20mm    3 : φ30mm 4 : φ40mm    5 : φ50mm 6 : φ60mm
③ Thermocouple type	<b>K</b> : Chromel-Alumel <b>E</b> : Chromel-Constantan
④ Cable type (See page 5)	<b>TS</b> : For SH-1*, SH-2* (Setting type) <b>TC</b> : For SH-3*, SH-4* (Grip type)
⑤ Cable length	1 : 1m    1.5 : 1.5m 2 : 2m    2.5 : 2.5m .....
⑥ Plug (See page 4)	<b>ANP</b> <b>ASP</b> <b>W</b>