

# Model AT series

## Air Temperature Probes



Temperature measurement of blowout hole of air-conditioner  
空调出风口温度检测

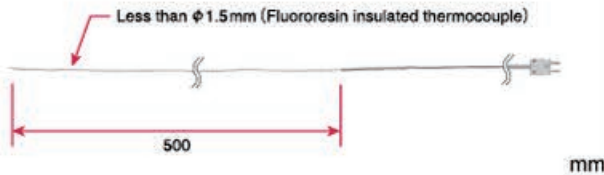
Model AT series probes are Air temperature probes designed to measure the temperature of Air.

AT系列产品为测量空气温度的传感器。响应速度极快。

### Typical probes of AT series 典型产品

Type K Model **AT-10K-050-0-TS1-ANP**

Type E Model **AT-10E-050-0-TS1-ANP**



Temp. range	Tolerance	Response time	Durability
-50~200°C	±2.5°C (at 100°C)	0.3 s	S

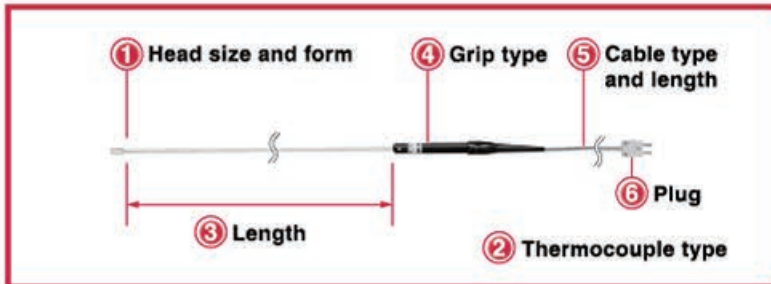
Type K Model **AT-30K-050-1-TC1-ANP**

Type E Model **AT-30E-050-1-TC1-ANP**



Temp. range	Tolerance	Response time	Durability
-50~500°C	±2.5°C (at 100°C)	0.3 s	S

### How to order of AT series 选型

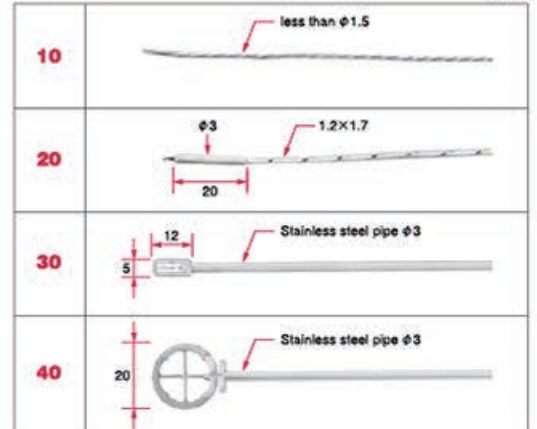


## AT-30K-050-1-TC1-ANP



① Head size and form (Max. temp.) 传感器的形状	10 : φ1.5mm Fluororesin insulated thermocouple (200°C) 20 : φ3mm Glass fiber insulated thermocouple (300°C) 30 : □5×12mm Head (500°C) 40 : φ20mm Head (500°C)
② Thermocouple type 热电偶种类	K : Chromel-Alumel E : Chromel-Constantan
③ Length 导线或者钢管长度	030 : 300mm    050 : 500mm 100 : 1000mm    200 : 2000mm
④ Grip type 握柄的有无	1 : Grip (Only AT-30, AT-40)    0 : No grip
⑤ Cable type and length 导线种类和长度 (See page 9)	TS1 : For no grip type TC1 : For standard grip type Standard specifications : 1m The cable length can be specified each 0.5m.
⑥ Plug 插头 (See page 8)	ANP (For AM-9***, HR-1*5*, AP-450) ASP (For HR-1*0*, AP-400) W (Without plug)

### ① Head size and form 传感器的形状 (mm)



### ③ Length 导线或者钢管长度

	AT-10	AT-20	AT-30	AT-40
030	●	●	●	●
050	●	●	●	●
100		●	●	●
200		●		

### Specifications of AT series 规格

Model number	AT-10	AT-20	AT-30, AT-40
Temp. range	-50~200°C	-50~300°C	-50~500°C
Tolerance	-50°C ≤ t < -40°C	±3.5°C	±3.5°C
	-40°C ≤ t ≤ 333°C	±2.5°C (~200°C)	±2.5°C (~300°C)
	333°C < t ≤ 500°C	-	-
Response time	0.3s		
Durability	S		

※Please see website specifications of AT series.