

Model MW series

Moving Wire Probes

Model MW series probes are ideal for measuring temperatures at the surfaces of moving wires.

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

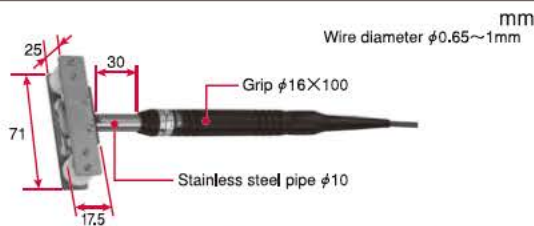
MW模式系列

MW模式系列产品是适用于移动中的金属丝表面温度测试的温度感应器。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MWシリーズは、走行中のワイヤー表面の温度測定に適した温度センサです。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。

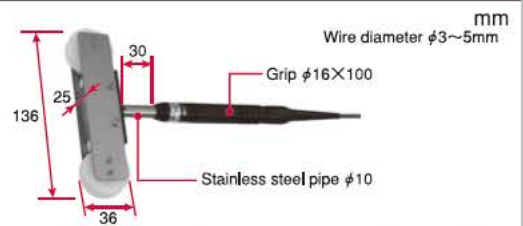
Typical probes of MW series

Type K Model **MW-31K-TC1-ANP**
Type E Model **MW-31E-TC1-ANP**



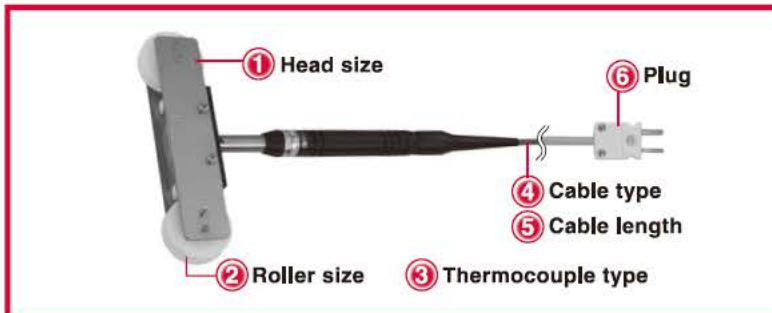
Temp. range	Tolerance	Response time	Durability
-50~250°C	±2.5°C (at 100°C surface)	5.0 s	S

Type K Model **MW-44K-TC1-ANP**
Type E Model **MW-44E-TC1-ANP**



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

How to order of MW series



MW-44K-TC1-ANP



① Head size

You can choose head size as below.



② Roller size

You can choose roller size as below.

Wire diameter	Head size
1: ϕ 0.65~1mm	Only MW-3* Diameter (ϕ) 71x25mm
2: ϕ 1~2mm	
3: ϕ 2~3mm	
4: ϕ 3~5mm	Only MW-4* Diameter (ϕ) 136x25mm
5: ϕ 5~10mm	
6: ϕ 10~15mm	

Specifications

Tolerance	±2.5°C (at 100°C surface)
Response time	5.0 s
Durability rank	S
Max. temp.	250°C

① Head size (Wire diameter)	3 : For ϕ 0.65~3mm (MW-*1, MW-*2, MW-*3) 4 : For ϕ 3~15mm (MW-*4, MW-*5, MW-*6)
② Roller size (Wire diameter)	1 : ϕ 0.65~1mm (for MW-3*) 2 : ϕ 1~2mm (for MW-3*) 3 : ϕ 2~3mm (for MW-3*) 4 : ϕ 3~5mm (for MW-4*) 5 : ϕ 5~10mm (for MW-4*) 6 : ϕ 10~15mm (for MW-4*)
③ Thermocouple type	K : Chromel-Alumel E : Chromel-Constantan
④ Cable type (See page 5)	TC
⑤ Cable length	1 : 1m 1.5 : 1.5m 2 : 2m 2.5 : 2.5m
⑥ Plug (See page 4)	ANP ASP W