

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

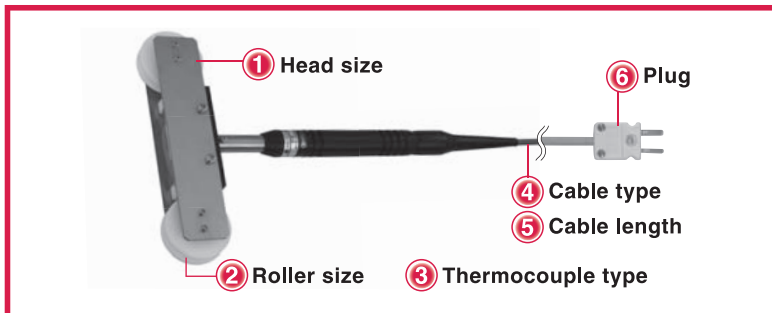
Type K Model	MW-31K-TC1-ANP
Type E Model	MW-31E-TC1-ANP

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



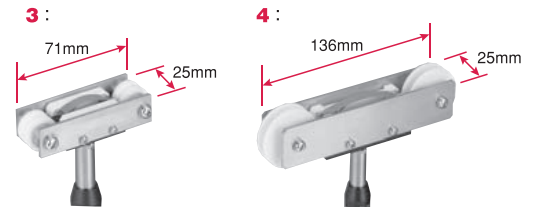
MW-44K-TC1-ANP



① Head size (Wire diameter)	3 : For $\phi 0.65 \sim 3$ mm (MW-*1, MW-*2, MW-*3) 4 : For $\phi 3 \sim 15$ mm (MW-*4, MW-*5, MW-*6)
② Roller size (Wire diameter)	1 : $\phi 0.65 \sim 1$ mm (for MW-3*) 2 : $\phi 1 \sim 2$ mm (for MW-3*) 3 : $\phi 2 \sim 3$ mm (for MW-3*) 4 : $\phi 3 \sim 5$ mm (for MW-4*) 5 : $\phi 5 \sim 10$ mm (for MW-4*) 6 : $\phi 10 \sim 15$ mm (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

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 :	$\phi 0.65 \sim 1$ mm	Only MW-3* Diameter (ϕ) 71×25mm
2 :	$\phi 1 \sim 2$ mm	wire roller
3 :	$\phi 2 \sim 3$ mm	
4 :	$\phi 3 \sim 5$ mm	Only MW-4* Diameter (ϕ) 136×25mm
5 :	$\phi 5 \sim 10$ mm	wire roller
6 :	$\phi 10 \sim 15$ mm	

Specifications

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