

Model **MG** series

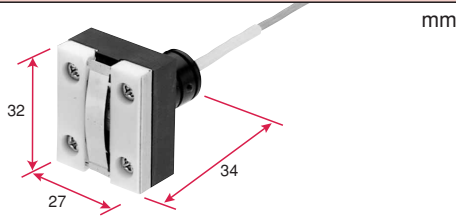
Magnet Probes

Model MG series probes are temperature sensors designed for stationary surfaces. Built-in magnets allow these probes to be attached to measurement targets. Specific components may be combined to customize products for the needs of a customer's specific application.



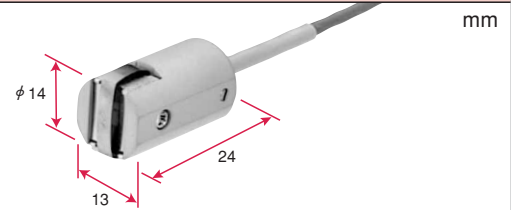
Typical Probes of MG series

Type K Model **MG-11K-TS1-ANP**
Type E Model **MG-11E-TS1-ANP**



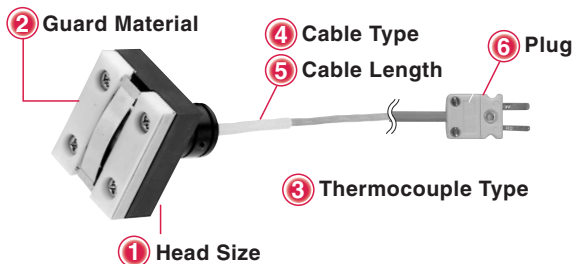
| Temp. Range | Accuracy | Response time | Durability |
|-------------|------------------------------|---------------|------------|
| -50~250°C | ±1.3°C (at 100°C Surface) | 2.0 s | A |

Type K Model **MG-22K-GW1-ANP**
Type E Model **MG-22E-GW1-ANP**



| Temp. Range | Accuracy | Response time | Durability |
|-------------|------------------------------|---------------|------------|
| -50~400°C | ±1.4°C (at 100°C Surface) | 2.0 s | A |

How to order of MG series

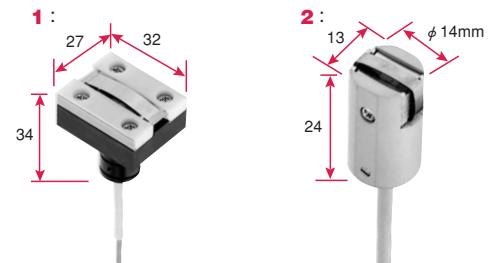


MG-11K-TS1-ANP



① Head Size

You can choose Head Size as below.



② Guard Material

You can choose Guard Material as below.

1 : Teflon guard

2 :



a. Standard type: Glass cloth guard
b. Miniature type: polyimide guard

Specifications

| | |
|-----------------|--|
| Accuracy | MG-1* : ±1.3°C (at 100°C surface) MG-2* : ±1.4°C (at 100°C surface) |
| Response time | 2.0 s |
| Durability rank | A |
| Max. Temp. | MG-*1 : 250°C MG-*2 : 400°C |

| | |
|------------------------------|--|
| ① Head Size | 1 : 27×32mm (Standard type) 2 : φ14 (Miniature type) |
| ② Guard Material (Max Temp.) | 1 : Teflon (250°C) 2 : MG-1* Glass cloth (400°C) MG-2* Polyimide (400°C) |
| ③ Thermocouple Type | K : Chromel-Alumel E : Chromel-Constantan |
| ④ Cable Type (See page 5) | TS : For MG-*1 GW : For MG-*2 |
| ⑤ Cable Length | 1 : 1m 1.5 : 1.5m 2 : 2m 2.5 : 2.5m |
| ⑥ Plug (See page 4) | ANP : P plug ASP : S plug W : Without plug |