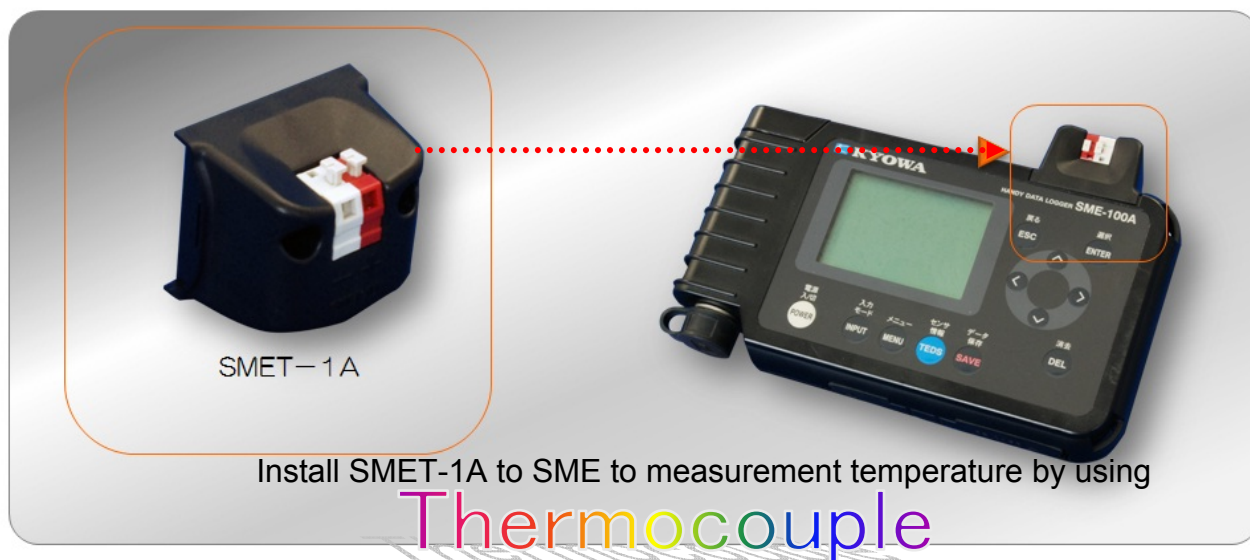


SMET-1A

New Product Information



Specifications

1. Applicable Sensors: Thermocouples K (CA) and T (CC) type; with resistance of 1kΩ or less.
2. Number of Input Channels: 1
3. Sampling Period: Approx. 0.5s
4. Applicable Input wire:
 - ✚ Solid wire: UL AGW14 to 28
 - ✚ Twisted wire: UL AGW20 to 24
5. Applicable Products: Handy Data Loggers of SME-30A/31A /100A/101A
6. Check Function: Burnout check (Conducted by SME)
7. Operating Temperature Range: -10 to 50°C
8. Operating Humidity Range: 20 to 85%Rh (Noncondensing)
9. Dimensions: 42(W)x33(H)x29.5(D) (excluding protrusions)
10. Mass: approx. 35g
11. Measuring range, Accuracy and Resolution (Excluding accuracy of sensors)

Type	Measuring Range	Accuracy Internal. *1	Accuracy External. *2	Resolution
K or T	-200.0 to -99.9°C	±(0.2% of reading +0.6)°C	±(0.2%+2.6)°C	0.1°C
K	-100.0 to -1230.0°C	±(0.1% of reading +0.4)°C	±(0.1%+1.4)°C	0.1°C
T	-100 to -400.0°C	±(0.1% of reading +0.4)°C	±(0.1%+1.4)°C	0.1°C

*1: Based on Internal reference junction compensator

*2: Based on External reference junction compensator, at ambient temperature of 25°C.
 Internal/External reference junction compensators are switched by SME.