

薄型兩線式類比信號隔離傳送器

(SLIM TYPE TWO-WIRE ANALOG SIGNAL ISOLATED TRANSMITTER)

MODEL
SMA-T



+



HM-1
(24x48x48.5mm)

SMA-T

■特點(FEATURES)

- 精確度0.1%滿刻度(DC/Pt-100),0.2%滿刻度±0.5°C冷接點補償(TC)
(Accuracy 0.1% F.S.(DC/Pt-100),0.2% F.S.±0.5°C (CJC)(TC))
- 類比信號輸入種類(DCV/mV/mA/Pt-100/J/K/T/E/R/S/B)可任意規劃
(Input analog type (DCV/mV/mA/Pt-100/J/K/T/E/R/S/B) can be modified)
- 溫度感應器輸入斷線保護功能最大輸出電流小於 $\leq 21\text{mA}$
(Burnout protection function, upscale the output current limit of approximately $\leq 21\text{mA}$)
- 寬範圍兩線式電源輸入直流12至28伏特(Field-rangeable two-wire supper voltage from 12 to 28V)
- 輸出DC4~20mA負載能力強(Output DC4~20mA,RL(max.)=(Vsupper-12V)/20mA, up to 600 ohms at 24VDC)
- 輸入與輸出絕緣耐壓1.5仟伏特/分鐘(Dielectric strength 1.5KVac/1min(input/output))

1.MODEL:SMA-T □ (選購型號)

NO	Input Range	NO	Input Range
mV	DC0~±100mV	B	B(200~1800°C)
V	DC0~±10V	K	K(-200~1360°C)
mA	DC4~20mA	R	R(0~1760°C)
P	Pt-100(-200~850°C)	S	S(0~1760°C)
E	E(-185~990°C)	T	T(-200~395°C)
J	J(-200~760°C)		

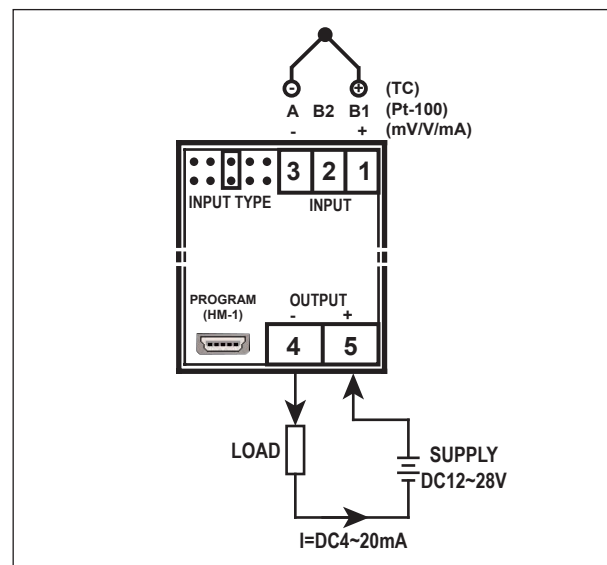
1-1 MODEL:HM-1(Handly meter for SMA-T programable)

(選購型號)(SMA-T 修改規格專用錶)

2.SPECIFICATION(主要規格)

- Supply voltage (輔助電源) :DC12~28V(<21mA)
- Measuring accuracy (精確度)(23±5°C) :0.1%F.S.(V/mV/mA/Pt-100)
:0.2%F.S.±0.5°C (CJC)(Thermocouple)
- Cold junction compensation accuracy (熱電偶冷接點補償精確度) :<±0.5°C (0~70°C)
- Output current (輸出電流) :DC4~20mA
- Respones time (輸出反應時間) :<250ms(0~90%)
- Analog output zero-according display range:-19999~+99999 digit adjustable(use HM-1)
(最低輸出對應顯示值範圍)
- Analog output span-according display range:-19999~+99999 digit adjustable(use HM-1)
(最高輸出對應顯示值範圍)
- Output load capability (輸出負載能力) :RL(max.)=(V supply-12V)/20mA
(up to 600 ohm at 24VDC)
- Output ripple(p-p) (輸出漣波) :<0.1% F.S.
- Burnout protection (斷線保護) :Upscale the output current limit
of approximately 21mA
- Zero(offset) range (歸零調整範圍) :0~±6000 digit adjustable(use HM-1)
0~±10% F.S.(up/down touch switches)
- Span(scale) range (最大值調整範圍) :0~±6000 digit adjustable(use HM-1)
0~±10% F.S.(up/down touch switches)
- Temp. coefficient (溫度係數) :50ppm/°C (0~50°C)
- Parameter setting (參數設定方式) :Touch switches(use HM-1)
- Memory mode (記憶型式) :Non-volatile Flash memory
- Isolation (隔離特性) :Input/Output/Case
- Dielectric strength (絕緣耐壓能力) :1.5KVac/1 min.(input/output/case)
1200Vdc(input/output/case)
- Operating condition (使用環境條件) :0~60°C (20 to 90% RH non-condensed)
- Storage condition (存放環境條件) :0~70°C (20 to 90% RH non-condensed)
- Construction (安裝方式) :35mm DIN rail(EN50022)
- CE EMC Certification (CE 認證) :EN 55022:1998/A1:2000 Class A
EN 61000-3-2:2000
EN 61000-3-3:1995/A1:2001
EN55024:1998/A1:2001

3.TERMINAL CONNECTION (接線圖)



4.DIMENSION(unit:mm) (外型尺寸)

