

Current Transducer/Sensor

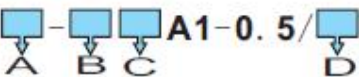


SA1 Isolation Temperature Transducer

FEATURES

- *Transforms the measured temperature of the environment into the 1-way standard DC voltage or DC current output according to the linear proportion
- *Low power consumption, high reliability
- *Three isolations, excellent anti-interference ability
- *Contact terminal insert, standard din rail(35mm) mounting
- *Small size, dimension(mm): 95(L)×37(W)×32(H)

MODEL

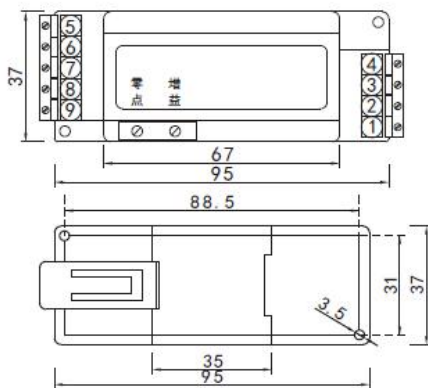
LF-T1 

Model Explanation1: LF-T11-54A1-0.5/-40℃~100℃

Explanation: this product is a -40℃~100℃ input range, 4~20mA output, 24V power supply,

A1 style three isolations LM35 temperature transducer.

DIMENSION DIAGRAM



ELECTRICAL DATA

- *Standards: IEC688:1992 QB/LF2007-1
- *Input Range: -60℃~175℃
- *Accuracy Grade: ≤0.5%.F.S
- *Power Consumption: ≤0.5VA
- *Isolation Resistance: ≥20MΩ(DC500V)
- *Response Time: ≤350mS
- *Working Environment: -10℃~50℃, 20%~90% without condensation
- *Storage Environment: -40℃~70℃, 20%~95% without condensation

MODEL REMARKS

A---Isolation method:

- 1:input/output/power three isolations
- 2:input/output two isolations

B---Output:

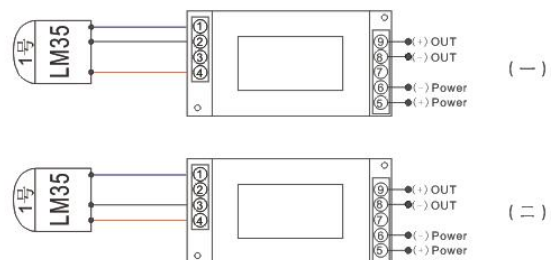
- 3: 0~5V
- 4: 0~20 mA
- 5: 4~20 mA
- 6: 1~5V
- 8: 0~10V
- F: 0~10KHz
- T: Special output

C---Power supply:

- 2: 12V±10%
- 3: 15V±10%
- 4: 24V±15%

D---Temperature input range

CONNECTION DIAGRAM



(一) 含零下温度输入, 如-20~100℃; (二) 不含零下温度输入, 如0~100℃



Xiamen ZT Technology Co., Limited

<http://www.transducersgroup.com>

sales@zntar.com

Jason Zeng

Skype: zntarjason