

Nanjing New Power Electric Technology Co., Ltd.



简介

技术参数

防爆等级: [Ex ia Ga] IIC

供电电源:

输入信号类型 (1 2 3):

允许引线电阻: ≤ 20 Ω

输出信号类型 (7 8 9 10 11 12):

输出纹波: ≤ 5 mV_{rms} (250 Ω)

负载能力:

隔离传输准确度 (25 °C ± 2 °C 不含冷端补偿):

		/
IEC 60584-1	K	<300°C, ±0.3°C; ≥300°C, ±0.1%F.S.
	E	<300°C, ±0.3°C; ≥300°C, ±0.1%F.S.
	J	<300°C, ±0.3°C; ≥300°C, ±0.1%F.S.
	T	<300°C, ±0.3°C; ≥300°C, ±0.1%F.S.
	N	<300°C, ±0.3°C; ≥300°C, ±0.1%F.S.
	S	<500°C, ±0.5°C; ≥500°C, ±0.1%F.S.
	R	<500°C, ±0.5°C; ≥500°C, ±0.1%F.S.
	B	<500°C, ±0.5°C; ≥500°C, ±0.1%F.S.
ASTM E988-96	W5Re-W26Re	<500°C, ±0.5°C; ≥500°C, ±0.1%F.S.
	W3Re-W25Re	<500°C, ±0.5°C; ≥500°C, ±0.1%F.S.
GOST R8.585	L	<300°C, ±0.3°C; ≥300°C, ±0.1%F.S.
IEC 60751	Pt100 (α=0.00385)	<100°C, ±0.1°C; ≥100°C, ±0.1%F.S.
	Pt100 (α=0.00391)	<100°C, ±0.1°C; ≥100°C, ±0.1%F.S.
	Cu50 (α=0.00428)	<100°C, ±0.1°C; ≥100°C, ±0.1%F.S.
	Cu100 (α=0.00428)	<100°C, ±0.1°C; ≥100°C, ±0.1%F.S.
	Cu50 (α=0.00426)	<100°C, ±0.1°C; ≥100°C, ±0.1%F.S.
	Cu100 (α=0.00426)	<100°C, ±0.1°C; ≥100°C, ±0.1%F.S.

响应时间: ≤ 0.5 s

温度漂移: 30 ppm/°C

冷端温度补偿准确度: ± 1 °C

冷端温度补偿范围: -20 °C ~ +60 °C

电磁兼容: EMC IEC 61326-3-1

介电强度 (漏电流1mA 测试时间1分钟):

≥ 3000V AC (/)

≥ 1500V AC (/)

绝缘电阻: ≥ 100 MΩ (/ /)

国家防爆电气产品质量检验检测中心 (CQST) 认证参数:

U_m: 250 V

1 2 3

U_o: 8.7V I_o: 33mA P_o: 72mW C_o: 3.58μF L_o: 21mH

环境条件:

-20 °C ~ +60 °C

10 %RH ~ 90 %RH (40 °C)

80 kPa ~ 106 kPa

-40 °C ~ +80 °C

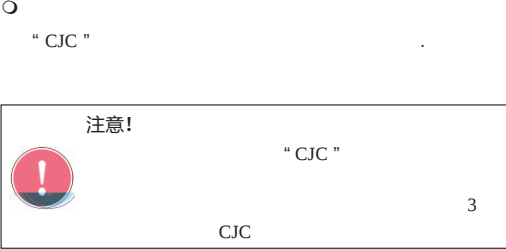
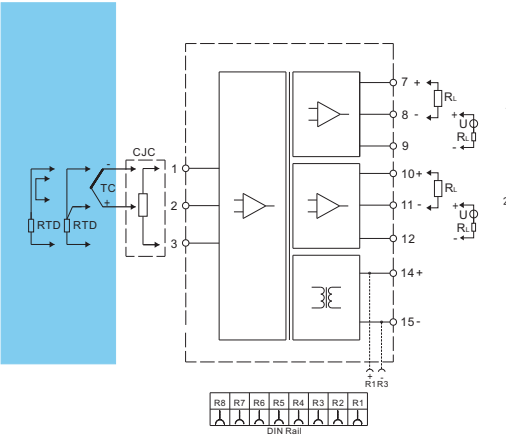
功耗: 24V DC 0.8W

24V DC 1.2W

型号命名规则

1	
1	4mA~20mA
2	1V~5V
3	0mA~10mA
4	0V~5V
5	0V~10V
6	0mA~20mA
X	

接线图



→ BUS规格

BUS	
	Max. 8A
(UL/IEC)	1.6kV
	-40°C~+105°C

→ 安装

- ☐DIN IEC 60715 35mm
- ☐

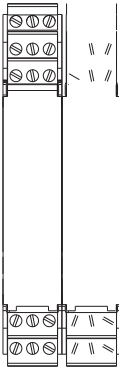
C.

D.

☐

A. BUS DIN 35

B. DIN BUS BUS



→ 面板显示

- ☐PWR: ()
- ☐ALM: ()

LEDLEDRTD: ()LEDTC: LED

→ 编程及校准

- ☐
- ☐
- ☐
- ☐

→ 注意事项

- ☐IP20 ()
- ☐IEC/EN 60664-1 2
- ☐IEC 61000-4
- ☐
- ☐

→ 补充说明

- ☐
- ☐
- 1).

$C_o \geq C_p$ $L_o \geq L_p$
- 2). $L_i < L_o \times 1\%$ $C_o \geq C_i$
- 3). $C_i < C_o \times 1\%$ $L_o \geq L_i$
- ☐4). $L_i \geq L_o \times 1\%$ $C_i \geq C_o \times 1\%$ $C_o \times 50\% \geq 0.6 \mu F$ $L_o \times 50\% \geq L_i + L_p$ / A/ B $C_o \times 50\% \leq 1 \mu F$ C $C_o \times 50\% \leq 0.6 \mu F$