

NPPT-C1D
NPPT-C11D
Input: 0 ~ 10 kΩ
Output: 4 ~ 20 mA

Single input, single output
Single input, dual output

This potentiometer transmitter converts the 3-wire potentiometer signals to current signals. It needs an independent power supply. The input, output, and power supply are galvanically isolated from each other. Modify parameters by using PC or a handheld programmer.

- 1

2

3

4

5

6
- 4 ~ 20 mA

1 ~ 5V

0 ~ 10 mA

0 ~ 5 V

0 ~ 10 V

0 ~ 20 mA

Parameters

- Power supply:

Power dissipation:

Input signal:

Output signal:

Load resistance:

Accuracy:

Temperature drift:

Response time:

Electromagnetic compatibility:

Dielectric strength:

Insulation resistance:

Operation temperature:

Storage temperature:

Dimensions:

Output signal:
- 18 V DC ~ 60 V DC (Reverse power protection)

0.8 W (single output)
1.2 W (double output)

3-wire potentiometer (0 ~ 10 kΩ)

4 ~ 20 mA

$R_L \leq 550 \Omega$

0.1% F.S.

30 ppm/°C

$\leq 500 \text{ ms}$

IEC 61010-1

500 V AC (50/60 Hz, power supply)

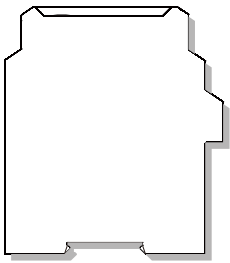
$> 50 \text{ M}\Omega$ (500 V AC, power supply)

-40 ~ 85 °C

-40 ~ 85 °C

48 mm (W) × 110 mm (H) × 117 mm (D)

Output signal follows the input fault status (except breakage),
output follows the input within measuring range. And the maximum value would not exceed the 110% of the upper limit of the measuring range (e.g. When the output signal type is 0 ~ 20 mA, the minimum output value may be 0 mA, the maximum output value would not exceed 22 mA).



note1 output signal
