

NPPT-C1D

Single input, single output

NPPT-C11D

Single input, dual output

Input: 0 ~ 10 kΩ

Output: 4 ~ 20 mA

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

4 ~ 20 mA
- 2

1 ~ 5 V
- 3

0 ~ 10 mA
- 4

0 ~ 5 V
- 5

0 ~ 10 V
- 6

0 ~ 20 mA

Parameters

- Power supply:

18 V DC ~ 60 V DC (Reverse power protection)
- Power dissipation:

0.8 W (single output)
1.2 W (double output)
- Input signal:

3-wire potentiometer (0 ~ 10 kΩ)
- Output signal:

4 ~ 20 mA
- Load resistance:

$R_L \leq 550 \Omega$
- Accuracy:

0.1% F.S.
- Temperature drift:

30 ppm/°C
- Response time:

$\leq 500 \text{ ms}$
- Electromagnetic compatibility:

IEC 61010-4
- Dielectric strength:

500 V AC (1 min, power supply)
- Insulation resistance:

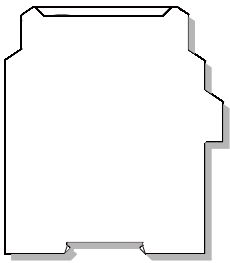
$\geq 100 \text{ M}\Omega$ (500 V DC, power supply)
- Operation temperature:

-40 ~ 85 °C
- Storage temperature:

-40 ~ 125 °C
- Dimensions:

48 mm (W) × 110 mm (H) × 117 mm (D)
- Output signal:

When the input is in input fault status (except breakage), the output signal 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
