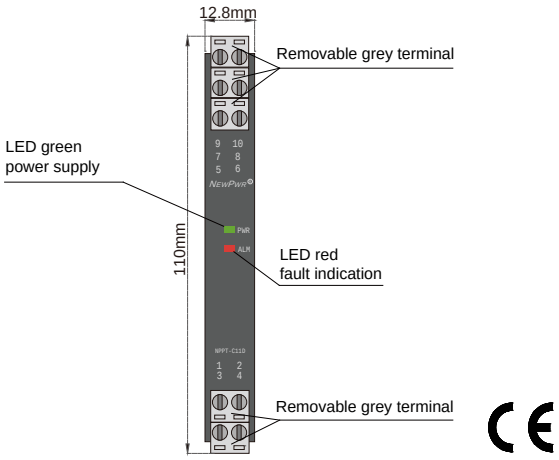
**NPPT-C1D** Single input, single output

**NPPT-C11D** Single input, dual output

Input: 0 ~ 10 k
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

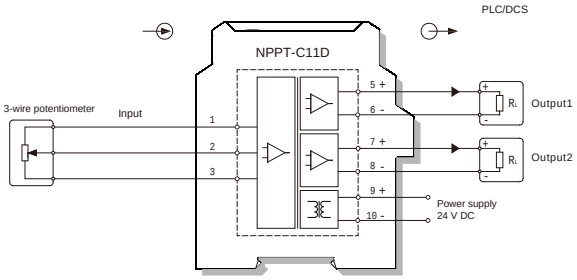
using PC or a handheld programmer.




## Parameters

| | |
|---|---|
| Power supply: | 18 V DC ~ 60 V DC (Reverse power protection) |
| Power dissipation: | 0.8 W (single output)<br>1.2 W (double output) |
| Input signal: | |
| Output signal: | 4 ~ 20 mA |
| Load resistance: | $R_L$ |
| Accuracy: | 0.1% F.S. |
| Temperature drift: | 30 ppm/°C |
| Response time: | |
| Electromagnetic compatibility: | IEC 61326-3-1 |
| Dielectric strength: | |
| Insulation resistance: | |
| Operation temperature: | -20 °C ~ +60 °C |
| Storage temperature: | -40 °C ~ +80 °C |
| Dimension: | 12.8 mm (W) × 110 mm (H) × 117 mm (D) |
| Output states: | Whatever input fault status (except breakage), the 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). |

## Wiring diagram




## Model rules

NPPT-C☒☒D☒

PB BUS powered
Default: Terminals powered

The second output signal[note1]
Default: null

The first output signal[note1]

note1 output signal

| Number | Output signal |
|---|---|
| 1 | 4 ~ 20 mA |
| | |
| 3 | 0 ~ 10 mA |
| | |
| | |
| 6 | 0 ~ 20 mA |