

C Series
Single Channel
Resistance Transmitter

→ Introductions

This resistance transmitter converts the resistance signals into current or voltage signals. The input, output and power supply are galvanically isolated from each other. The power supply function can be selected in order to meet different needs. This product is designed intelligently and has many advantages that traditional products do not have. It is free of zero adjustment, potentiometer free, automatic zero tracking and other advanced technologies. It can be used in various kinds of device, such as DCS, PLC and other control systems.

→ Parameters

Power supply:

Connection type: Terminals (9+, 10-) or 2-wire
Rated voltage: 18 V DC ~ 60 V DC (Recommended: 24 V DC)

Input (1, 2, 3): 2/3-wire resistance signal

Please see the product label for details.

Line resistance: ≤ 20 Ω per line

Output (5, 6; 7, 8):

Output current: 0(4) ~ 20 mA; 0 ~ 10 mA
Output voltage: 0(1) ~ 5 V; 0 ~ 10 V
Load resistance: 0(4) ~ 20 mA: ≤ 550 Ω
0(1) ~ 5 V: ≥ 1 MΩ

Transmission characteristics:

Accuracy: ± 0.1% F.S. (25 °C ± 2 °C)

Response time: ≤ 0.5 s

Temperature drift: 30 ppm/°C

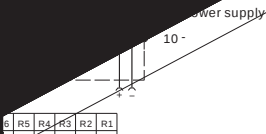
Electromagnetic compatibility: A

Dielectric strength (1 mA leakage current, 1 min time):

≥ 1500 V AC (Input / Output)

Insulation resistance

Ambient



Nanjing New Power Electric Co., Ltd.

