DPS08

Smart Integrated LED
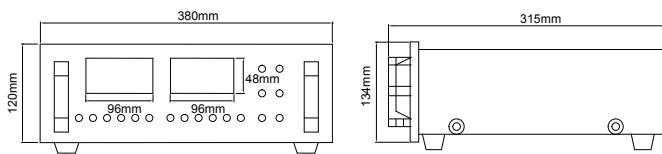

CE

PRODUCT APPLICATION

Features
- Module design, quickly customized for different demand
- Apply for measuring instrument of loading and unloading operation. (testing organization / academic research center/ school / laboratory.)
- An alloy of aluminum for housing, compact and slim size.
- Variety of power supply module option (standard type)
- Display range(VDC; ADC; thermocouple/ PT: potentiometer)
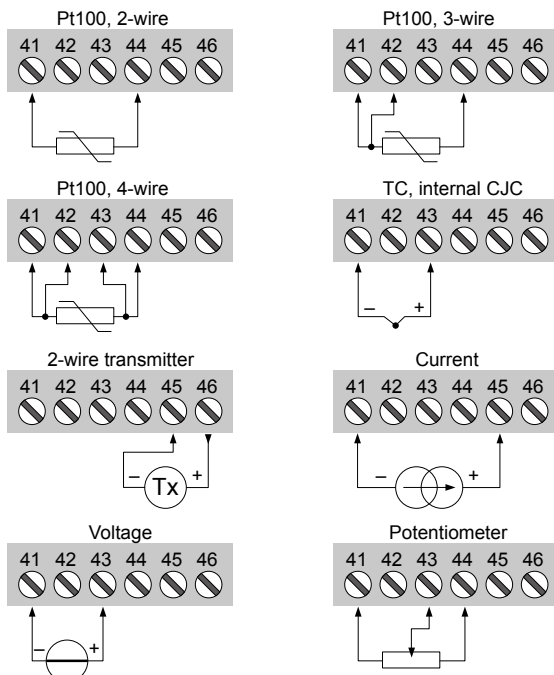
Application
- Apply for measuring instrument of loading and unloading operation/ monitor unit / field / personnel (academic organization / testing organization / laboratory).

Dimension

Connection Diagram

Pt100, 2-wire

Pt100, 3-wire

Pt100, 4-wire

TC, internal CJC

2-wire transmitter

Current

Voltage

Potentiometer

Technique Sheet

Input type...(standard, PR 5714A)
VDC; mA; RTD; TC; potentiometer

Measuring range.........................VDC: 0~1/ 0.2~1/ 0~10/ 2~10VDC
mA : 0~20mA, 4~20mA
RTD: PT 10/20/50/100/200/500/1000, Ni 50/100/120/1000
TC: B/E/J/K/L/N/R/S/T/U/W3/W5/LR
potentiometer: 10Ω~100 KΩ (standard, PR 5714A)

Display range (programmable selection).........(standard, PR 5714A)
4-digit LED (13.8mm) 14 segment digit display range (-1999~9999)

Accuracy.. All input ≤ ±0.1% of readout
Response time display ....2.2 times/s
Direct current... 5 VDC (max 100 mA)/
12 VDC (max 100 mA) / 24VDC (max 1A)

Instrument power (for 5714 pin 45-46) ....25~15 VDC / 0~20 mA
Ambient temperature ....-20~60°C (standard)
Ambient humidity...0~90%RH (standard)
Storage temperature...-40~65°C (standard)
Thermal drift ....≤ ±0.01% of readout / °C
Power supply ....100~240 VAC (standard)
Current consumption .... max 2 A (standard)
Signal connection .... terminal (standard)
Installation ....desktop
Certificate (for 5714).............................. CE ; UL ; Marine ; GOST R
Testing standard (for 5714)................................. EMC: EN 61326-1
LVD: EN 61010-1, UL: UL 508
Housing ....aluminum alloy
Weight 3.5kg