

PC771XX - Current Isolator and Signal Multiplexer



Specifications

- Full Protection for High Voltage and Current
- Led Display
- Independent Zero and Span Configurations with Trimponds

Applications

- In Process Indicators
- In Control Devices (PID etc.)
- In PLC or DCS Systems
- In Multiplexing mA Signals (single input, double output)

Technical Specifications

Power Supply

Operating Voltage : 18 - 35 V AC/DC

Operating Frequency : 50 – 60 Hz AC

Power Consumption : 2 W

Input

Input Types U/I : 0 - 10 V / 0 - 4/20 mA

Input Impedance U/I : $\geq 1 \text{ M Ohm}$ / $\leq 100 \text{ Ohm}$

Output

Output U/I : 0 - 10 V / 0 - 4/20 mA

Load U/I : $\geq 500 \text{ Ohm}$ / $\leq 1 \text{ kOhm}$

General

Operating Temperature : 0 - 60 °C

Isolation : Between Input-Output: 1.5 kV

Precision Class : % 0.2 in Linear Inputs

Offset Calibration : %25 of Input Signal

Span Calibration : %25 of Output Signal

Dimensions (W/H/D) : 17.5/99/114.5 mm

Box : Poliamid PA

Protection Class : IP20

Connection

Connection : Terminals with Screws

Single core conductor minimum cross-sectional area : 0.2 mm²

Single core conductor maximum cross-sectional area : 2.5 mm²

Multi core conductor minimum cross-sectional area : 0.2 mm²

Multi core conductor maximum cross-sectional area : 2.5 mm²

Conductor cross-sectional area AWG/kcmil min. : 24

Conductor cross-sectional area AWG/kcmil max. : 14

Cable stripping length	: 8 mm
Screw groove	: M3

Drawing

