PPC5-1101 Cut Sheet

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ProSense advanced process controller, 96 x 96mm, current, voltage, RTD, thermocouple, discrete or auxiliary analog input, current, pulse, relay orretransmission output, (1) 3A Form C (SPDT) relay, (3) 1A Form A (SPST) relays, 100–240 VAC, RS-485.

For complete product information, please see this item on our store at the following link:

https://www.automationdirect.com/pn/PPC5-1101

Technical Specifications

Brand	ProSense
Item	Advanced process controller
Mounting	Panel
Mounting Hole Size	1/4 DIN
Size	96 x 96mm
Display	2-line alpha-numeric LCD, bar graph LCD
Cycle Time	50ms
Input	Current, voltage, RTD, thermocouple, discrete or auxiliary analog
Input Current Signal Range	0–20 mA and 4–20 mA
Input Voltage Signal Range	0.4–2 VDC, 1–5 VDC, 0–2 VDC, 0–10 VDC, -10 to +20 mVDC and 0–100 mVDC
Discrete Input Type	(4) dry contact or NPN
Input Thermocouple Signal Type	J, K, T, N, E, R, S, B, L, U, W, WRe, PL2, PR2040
Input RTD Signal Types	Pt100 and JPt100
Auxiliary Analog Input Signal	0.4–2 VDC, 1–5 VDC, 0–2 VDC, 0–10 VDC and 0–1.25 VDC

Output	Current, pulse, relay orretransmission
Output Current Signal Range	0–20 mA and 4–20 mA
Output Pulse Signal Range	12 VDC
Relay Configuration	(1) 3A Form C (SPDT) relay, (3) 1A Form A (SPST) relays
Retransmission Output	0–20 mA and 4–20 mA
Number of Alarm Contacts	3
Alarm Type	(31) selectable
Operating Voltage	100–240 VAC
Control Mode	PID, ON/OFF, manual, sample PI or batch PID
Control Function	Single loop, PV hold, cascade, backup loop, PV switching, PV auto-select
Communication Port and Connection Type(s)	(1) RS-485 (4-pin terminal)
Port Protocol(s)	• Modbus RTU Slave • ASCII In
Port Speed(s)	up to 38.4k baud

Agency Approvals

UL Listed File #	None
UL Recognized File #	E311366
UL Hazardous File #	None
CE	View CE declarations
CSA File #	600893
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document

Dimensional Drawings

2D Drawing PDF Link:
https://cdn.automationdirect.com/static/drawings/PPC5-1101.pdf
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