

# PPC5-1000 Cut Sheet



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

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



<https://www.automationdirect.com/pn/PPC5-1000>

## Technical Specifications

<b>Brand</b>	ProSense
<b>Item</b>	Advanced process controller
<b>Mounting</b>	Panel
<b>Mounting Hole Size</b>	1/4 DIN
<b>Size</b>	96 x 96mm
<b>Display</b>	2-line alpha-numeric LCD, bar graph LCD
<b>Cycle Time</b>	50ms
<b>Input</b>	Current, voltage, RTD, thermocouple or discrete
<b>Input Current Signal Range</b>	0–20 mA and 4–20 mA
<b>Input Voltage Signal Range</b>	0.4–2 VDC, 1–5 VDC, 0–2 VDC, 0–10 VDC, -10 to +20 mVDC and 0–100 mVDC
<b>Discrete Input Type</b>	(3) dry contact or NPN
<b>Input Thermocouple Signal Type</b>	J, K, T, N, E, R, S, B, L, U, W, WRe, PL2, PR2040

<b>Input RTD Signal Types</b>	Pt100 and JPt100
<b>Output</b>	Current, pulse, relay and retransmission
<b>Output Current Signal Range</b>	0–20 mA and 4–20 mA
<b>Output Pulse Signal Range</b>	12 VDC
<b>Relay Configuration</b>	(1) 3A Form C (SPDT) relay, (3) 1A Form A (SPST) relays
<b>Retransmission Output</b>	0–20 mA and 4–20 mA
<b>Number of Alarm Contacts</b>	3
<b>Alarm Type</b>	(31) selectable
<b>Operating Voltage</b>	100–240 VAC
<b>Control Mode</b>	PID, ON/OFF, manual, sample PI or batch PID
<b>Control Function</b>	Single loop, PV hold

## Agency Approvals

<b>UL Listed File #</b>	None
<b>UL Recognized File #</b>	E311366
<b>UL Hazardous File #</b>	None
<b>CE</b>	<a href="#">View CE declarations</a>
<b>CSA File #</b>	600893
<b>RoHS Status</b>	Yes (See CE Doc)
<b>EU REACH</b>	<a href="#">View EU REACH document</a>

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/PPC5-1000.pdf>  
See store item page for other formats.