

Model Number  
**100A02**

# INDICATOR / POWER SUPPLY PANEL METER

Revision: A  
ECN #: 25721

**ELECTRICAL**

Power Supply Voltage (auto sensing)  
Power Consumption  
Input Signal  
Sensor Excitation  
Accuracy  
Conversion Rate  
Relay Output (dual) Individual Adjust  
Time Delay on Relay Make or Break  
Input Channels

**ENGLISH**

85-265 VAC/95-370 VDC  
2.5 W typ./3.5 W max.  
0 to 20 VDC  
24 VDC  
±0.05% of reading + 2 counts  
5 Hz  
5 A Form A SPST 230 VAC/30 VDC  
0-9999 Seconds  
Adjustable for Each Set Point

**SI**

85-265 VAC/95-370 VDC  
2.5 W typ./3.5 W max.  
0 to 20 VDC  
24 VDC  
±0.05% of reading + 2 counts  
5 Hz  
5 A Form A SPST 230 VAC/30VDC[2]  
0-9999 Seconds  
Adjustable for Each Set Point

**ENVIRONMENTAL**

Temperature Coefficient  
Warm Up  
Operating Temperature Range  
Storage Temperature Range  
Relative Humidity

Adjustable for Each Set Point  
100 ppm/°C  
<2 Minutes  
+32 to +140 °F  
-4 to +158 °F  
<95% (non-condensing)

**MECHANICAL**

Case Dimension:  
DIN  
BEZEL  
Depth Behind BEZEL  
- with Right Angle Connectors  
- with Straight Thru Connectors  
Weight  
Material

4.61 x 3.45 x 1.61 in  
1/8 in  
3.78 x 1.89 in  
4.61 in  
5.08 in  
5.40 in  
8.5 oz Maximum  
Polycarbonate  
Removable Screw Terminals

**ELECTRICAL CONNECTORS**

4-Digit Red LED  
Range  
Polarity: Positive  
Negative  
Decimal Point  
Positive Overrange  
Negative Overrange  
Set Point Status

Removable Screw Terminals  
Polycarbonate  
Removable Screw Terminals  
14.2 mm  
-1999 to 9999 Counts  
Assumed  
Displays -  
Selectable X•X•X•X•  
Top Segments Flash  
Bottom Segments Flash  
One Per Set Point (4 max)



**OPTIONAL VERSIONS**

Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.

- Sensor Input:** 100A02X000000  
 0 0-20 VDC with 24 VDC Excitation  
 1 4-20 mA with 24 VDC Excitation

- Analog Output:** 100A0200X0000  
 0 None  
 1 Isolated 4-20 mA User selectable output signal

- Relay Output:** 100A02000X000  
 0 None  
 1 Dual 5 Amp Form A relays

- Accessories:** 100A0200000XX  
 00 None  
 01 96 x 48 mm Clear Lockable Front Cover – NEMA 4X, Splash Proof  
 02 Metal Surround Case – Includes Screw Mounting Clips  
 03 Clear Lockable Front Cover and Metal Surround Case

**OPTIONAL ACCESSORIES:**

30236-01 Power Cable Assembly

**NOTES:**

- [1] Programmability:  
Scale Factor, Offset, Decimal Point Location, Set Point Adjustment, Peak and Valley View with Reset, LED Brightness, Time Delay on Relay Make or Break, HI or LOW Set Point Relay Action, Relay Hysteresis.  
[2] If ordered with relay output option.  
[3] See PCB Declaration of Conformance PS050 for details.

All specifications are at room temperature unless otherwise specified.

ICP® is a registered trademark of PCB Group, Inc.

In the interest of constant product improvement, we reserve the right to change specifications without notice.

Form DD030 Rev.F 2/23/99

Drawn: BLS  
Date: 3-22-07

Engineer: EF  
Date: 1-24-07

Sales: RUM  
Date: 1/24/07

Approved: NUL  
Date: 1/26/07  
Spec Number: 30234



3425 Walden Avenue, Depew, NY 14043

800-959-4464

Fax (716) 684-3823