



Process Center AB

## Panelinstrument PB-2471

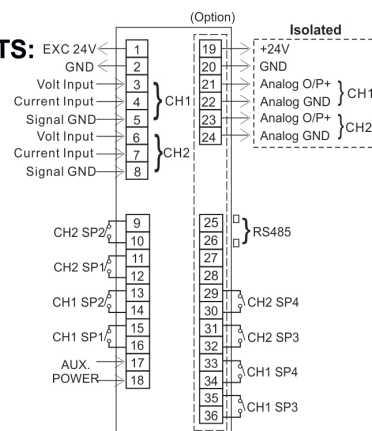
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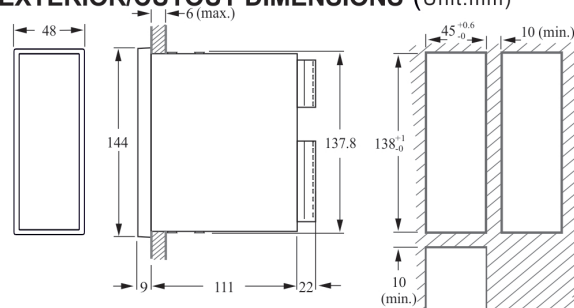
### FEATURES:

- Dual 4 Digits LED Numeric Display
- Dual 101-segment LED Bargraph display
- Wide Range of User Definable Scaling Ratio
- Modulized input signal boards available for different applications
- Optional Output Boards with Isolated Analog Output & Relay Output
- 85V~265VAC or 18~36VDC Switching Power Supply
- Support volume adjustment function for non-linear tanks (optional)

### TERMINAL ARRANGEMENTS:



### EXTERIOR/CUTOUT DIMENSIONS (Unit:mm)



### SPECIFICATIONS

Dimension (mm) **48 (W) x144 (H) x121.5 (D) DIN 3/16**

Model **PB-2471**

Power Supply **85 ~ 265V AC or 18~36V DC**  
Switching Power Supply

Power Supply for sensor **DC24V, 50mA**

Display **Dual 4 Digits, 0.36" 7-Segment LED Display**  
**101 LED Bargraph Display**  
**4 LED set-point indicator**  
**Display Range: -1999 ~ +9999**  
**Over Range Display: "1" or "-1"**

Input Signal **Range: Refer to Ordering information**  
**Accuracy: 0.1%FS or 1 digit**  
**ADC Resolution: 4-1/2 digit**  
**Sampling Rate: 2 samples/second/channel**

Relay Contact **4 relay (up to 8 relay)**  
**3A/250V AC or 5A/30V DC**  
**(N.C. / N.O. Jumper selectable)**

Analog Output **4~20mA, 0~20mA, 2~10V and 0~10V (optional)**

Power consumption **Less than 12VA**

Communication port **RS485 (optional) Modbus Protocol**

Operating condition **0~50%(20 to 90% RH non-condensed)**

Storage condition **0~70%(20 to 90% RH non-condensed)**

### ORDERING INFORMATION:

**PB-2471-□ □□-□ □ □ □**

|                     |                                                                                                                                                                                                       |  |  |  |  |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
| Power Supply        | S---85~265V AC<br>T---18~36V DC                                                                                                                                                                       |  |  |  |  |
| Input Signal (CH1)  | 1---4~20mA DC with Exc 24V<br>2---0~20 mA DC with Exc 24V<br>3---0~200 mA DC with Exc 24V<br>4---5V DC with Exc 24V<br>5---10V DC with Exc 24V<br>6---20V DC with Exc 24V<br>7---200V DC with Exc 24V |  |  |  |  |
| Input Signal (CH2)  | 1---4~20mA DC with Exc 24V<br>2---0~20 mA DC with Exc 24V<br>3---0~200 mA DC with Exc 24V<br>4---5V DC with Exc 24V<br>5---10V DC with Exc 24V<br>6---20V DC with Exc 24V<br>7---200V DC with Exc 24V |  |  |  |  |
| Relay Contact       | 0---0 Relays 2---2 Relays 4---4 Relays 8---8 Relays                                                                                                                                                   |  |  |  |  |
| Non-Linear Function | 0---Without (Standard)<br>1---Support 20 points Vessel Conversion                                                                                                                                     |  |  |  |  |
| Analog Output       | 0---Without<br>5---Dual Analog output, 0~10V<br>6---Dual Analog output, 0/4~20mA                                                                                                                      |  |  |  |  |
| Communication port  | 0---Without<br>1---Support RS485 interface                                                                                                                                                            |  |  |  |  |

**Ex:** PB-2471-S14-4000

Represents: PB-2471 Model, Power supply 85~265V AC, Analog input signal, CH1: 4~20mA, CH2: 0~5V, 4 relay contact, without Non-Linear Function, without Analog output.

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