



BARGRAPH DISPLAY

Bargraph Panel Meter

PB-1471

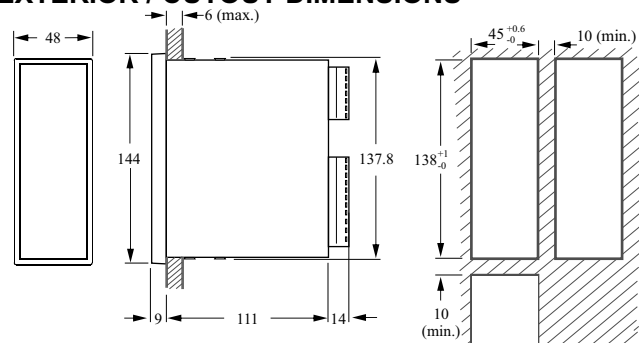
HYCONTROL
LEVEL MEASUREMENT SOLUTIONS



FEATURES:

- 4 Digit LED Numeric Display
- 101-segment LED Bargraph display
- Wide Range of User Definable Scaling
- Modular input signal boards available for different applications
- Optional output boards with isolated analogue & relay outputs
- Switch mode power supply 85V~265VAC or 18~36VDC
- Volume conversion for non-linear tanks (optional)

EXTERIOR / CUTOUT DIMENSIONS



SPECIFICATIONS	
Dimension (mm)	48 (W) x144 (H) x121.5 (D) DIN 3/16
Model	PB-1471
Power Supply	85 ~ 265V AC or 18~36V DC Switching Power Supply
Power Supply for sensor	DC24V, 50mA
Display	4 Digits, 0.36" 7-Segment red LED Display 101 LED Bargraph Display 6 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 6 relay) 3A/250V AC or 5A/30V DC (N.C. / N.O. Jumper selectable)
Analog Output	4~20mA, 0~20mA, 2~10V & 0~10V options
Communication port	RS485 (optional) Modbus Protocol
Operating condition	0~50°C (20 to 90% RH non-condensed)
Storage condition	0~70°C (20 to 90% RH non-condensed)

ORDERING INFORMATION:

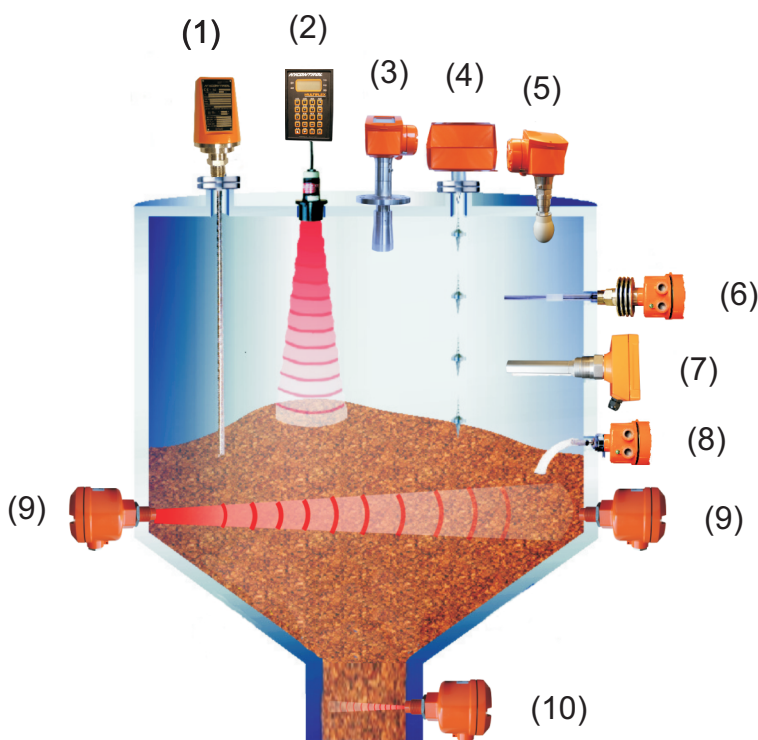
Code	Product
PB-1471	Microprocessor Bargraph Display Panel Meter
Code Power Supply	
S	85~265V AC (standard)
T	18~36V DC
Code Input Signal (CH1)	
01	4~20mA DC with Exc 24V
02	0~20mA DC with Exc 24V
03	0~200mA DC with Exc 24V
04	5V DC with Exc 24V
05	10V DC with Exc 24V
06	20V DC with Exc 24V
07	200V DC with Exc 24V
A1	2mA AC RMS C1 2mA DC with Exc 24V
A2	20mA AC RMS C2 20mA DC with Exc 24V
A3	200mA AC RMS C3 200mA DC with Exc 24V
A4	1A AC RMS C4 1 Amp DC
A5	5A AC RMS C5 5 Amp DC
B1	100mV AC RMS D1 20mV DC with Exc 24V
B2	200mV AC RMS D2 50mV DC with Exc 24V
B3	2V AC RMS D3 100mV DC with Exc 24V
B4	20V AC RMS D4 200mV DC with Exc 24V
B5	200V AC RMS
B6	600V AC RMS
Code Relay Contact	
4	4 Relays (standard)
6	6 Relays
Code Non-Linear Function	
0	Without (Standard)
1	Support 20 points Vessel conversion
Code Analogue Output	
0	Without
1	0~10V Analogue Output
2	0/4~20mA or 0~10V Output (jumper selectable)
Code Communication Port	
0	Without
1	Support RS485 interface

Example : PB 1471 S01-4101
Power supply, 85-265V AC, Analogue input signal, 4 relay contact, Support Non-Linear Function, without Analogue output, Support RS485 interface.

HYCONTROL LEVEL TECHNOLOGIES

Product Range For Solids :-

- (1) TDR Radar For Solids
- (2) Ultrasonic, 'Through Air'
- (2) 2 Wire Ultrasonic Transmitter
- (3) FMCW 2 Wire Radar
- (4) Continuous 'Servo' Level Indicator
- (5) FMCW 2 Wire Radar
- (6) Capacitance Level Switch
- (7) Vibrating Probe Level Switch
- (8) Rotating Paddle Level switch
- (9) Microwave Level Switch
- (10) Doppler Flow Switch



Product Range For Liquids :-

- (1) By-Pass Level Indicator With Radar
- (2) TDR Radar For Liquids
- (3) 2 Wire Ultrasonic Transmitter
- (4) FMCW 'Horn' Radar 2 Wire
- (5) Magnetic Float Switches
- (6) FMCW 2 Wire Radar
- (7) Foam Level Switch
- (8) Capacitance Level Switch
- (9) RF Admittance Level Switch
- (10) Side Mounting 316 SS Float Switch
- (11) Tuning Fork Level Switch
- (11) Tuning Fork Level Switch
- (12) Ultrasonics 'Through Wall'
- (13) Mini Magnetic Float Level Switch

