DESCRIPTION
Precision Instrument Company's New P101 is a form & fit replacement of the BE051 & BE101. All designed, manufactured, tested and packaged in Tucson, AZ. USA. The look is similar but the performance has been greatly enhanced.

*Display: 101 segment bright LED bargraph display with four digit numeric and "-" sign.
*Out of Range: over/under range is indicated by flashing the top or bottom bargraph segment.
*Housing: Same as BE Series, 94V-0 rated ABS.
*Power Input: 12VDC, 24VDC & 48VDC or 100-240VAC isolated.
*Connector: Plug-in screw terminal connector for 16-22 ga. wire with wire protector.
*Signal Inputs: VDC/mADC (including 4-20mA)
*Replacement: 100% for BE051 & BE101 basic function models.
*Scale Plate: The standard scale plate is 0-100% however we can accommodate virtually scale plate required

FEATURES
- Microprocessor-based
- 12, 24 & 48VDC or 100-240VAC power
- mADC or VDC Signal inputs
- Exclusive 2 year warranty program

SPECIFICATIONS @ 25°C AMBIENT
- # Segments on bargraph: 101
- # Digits: Four plus sign -9999 to 9999
- Analog Input Accuracy: ±0.01%
- Display Resolution: 0.1%
- Polarity: Unipolar
- Zero & Span: Yes
- Response Time: 75ms (10-90% of F.S.)
- Power Requirement: About 1Watt
- Over-Under Range: Display Blinks
- Power Input Isolated: 12-48VDC
- Power Input Isolated: 100-240VAC
- Operating Temperature: 0-60°C
- Storage Temperature: -20 to 70°C
- Humidity: 5-95% Non-condensing
- MTBF (Calculated): >50,000Hrs
- Temp. Coefficient: ±0.005%/°C
- Warranty: 2 Years

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Bargraph Display
Direct Replacements for Ametek/Dixson BE series

SIGANL INPUT (ZIN OHMS)

1 ................................ (100) 4-20mADC
2 ...................................... (1M) 0-1VDC
3 .................................... (1M) 0-10VDC
4 ...................................... (1M) 1-5VDC

POWER INPUT

4................................. Isolated 12VDC +/- 10%
5................................. Isolated 24VDC +/- 10%
6................................. Isolated 48VDC +/- 10%
7................................. Isolated 100-240VAC

DIGITAL DISPLAY & MOUNTING

0...No digital & Vertical mount
1...Yes digital & Vertical mount
2...Yes digital & Horizontal mount
3...No digital & Horizontal mount
4...No digital, Center Zero, Vertical mount
5...No digital, Center Zero, Horizontal mount

FRONT VIEW

SIDE VIEW

PANEL CUTOUT

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