

ALARMS AND INDICATION

3-1/2 DIGIT LCD PANEL DISPLAY VPI SERIES



DESCRIPTION

The **VPI Series** is a voltage (0-5v, 0-10v) input, 24 VDC-powered indicator. Along with the standard black digits, colors of amber, green, and red, powered by 24 VDC, are also available. The **VPI Series** uses a voltage signal of 0-5 or 0-10 VDC that can be scaled to a span of 2000 digits within a range of -1999 to 1999. This display also features jumper-selectable, built-in engineering units of °F, °C, PSI, %, or no units. The **VPI-4** offers large, easy-to-read 1" (2.54 cm) digits.

FEATURES

- 0-5 or 0-10 VDC signal input
- 3-1/2 digit, LCD display (VPI-1, VPI-4)
- 4-1/2 digit, LCD display (VPI-3)
- Available in black, amber, green, and red digits
- Snap-in panel mounting
- NEMA 4X enclosure available
- Precalibrated before shipping
- Positive-to-negative indication
- Jumper-selectable engineering unit display of °F, °C, PSI, %

APPLICATION

- Temperature
- Pressure
- Voltage
- Humidity
- Gallons per minute
- Kilowatt demand



VPI-1C-WMB



VPI-4



VPI-1C-G
(typical panel mount)



VPI-1C-R-E



VPI-1C-R-E-DBL



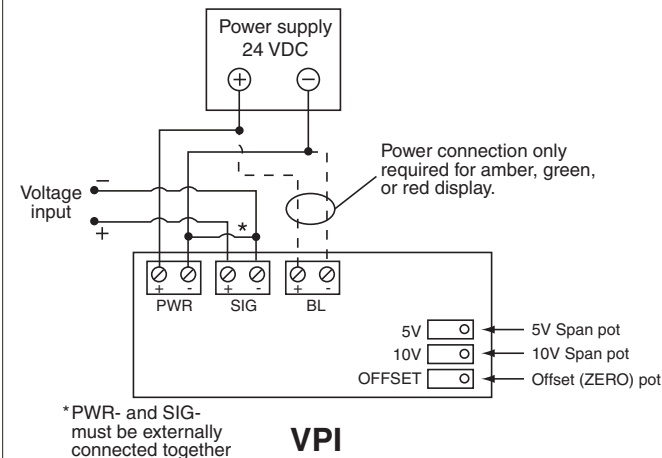
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SPECIFICATIONS

Power	24 VDC @ 35 mA
Colored digits	24 VDC @ 10 mA
Black digits	24 VDC @ 10 mA
Input signal	0-5 VDC or 0-10 VDC
Impedance	400 kΩ
Accuracy	0.1% of scale plus one digit
Digits	
VPI-1, VPI-4	3-1/2 digits
VPI-3	4-1/2 digits
Digit size	
VPI-1C, VPI-3C	0.5" (1.27 cm)
VPI-4	1.0" (2.54 cm)
Decimal point (VPI-3)	Three positions or none or (four positions)
Zero range (VPI-3)	-1999 to 1999 or (-19999 to 19999)
Digit span (VPI-3)	2000 digits (20000 digits)
Operating temperature	32° to 122°F (0° to 50°C)
Humidity	95% non-condensing
Cutout required	
VPI-1C	1.00"H x 2.40"W (2.54 x 6.10 cm)
VPI-4	1.77"H x 3.62"W (4.5 x 9.2 cm)
Panel clearance	1.0" (5.08 cm)
Enclosure option (VPI-1C only)	
E (NEMA 4X)	6.0"H x 6.0"W x 3"D (15.2 x 15.2 x 7.6 cm)
WMB	2.12"H x 3.12"W x 1.75"D (5.4 x 7.94 x 4.45 cm)
Weight	4 oz (113g)
Approvals	RoHS
Warranty	1 year

WIRING



ORDERING INFORMATION

* Displays are custom calibrated at no charge before shipping.

Specify signal input (0-5V or 0-10V) scale, range, engineering units, and decimal location when ordering.

MODEL	DESCRIPTION
VPI-4	3-1/2 digit panel display*, 1" (2.54 cm) digits
VPI-1C	3-1/2 digit panel display*, 0.5" (1.27 cm) digits
VPI-3C	4-1/2 digit panel display*, 0.5" (1.27 cm) digits
-	3-1/2 digit display with black digits
A	3-1/2 digit display with amber digits
G	3-1/2 digit display with green digits
R	3-1/2 digit display with red digits
-	No enclosure
E	LCD panel display with NEMA 4X enclosure (VPI-1C and VPI-3C only)
WMB	LCD panel display with small enclosure (VPI-1C and VPI-3C only)
E-DBL	Two LCD panel displays in one NEMA 4X enclosure (VPI-1C and VPI-3C only)

VPI-1C - A - E-DBL Example: VPI-1C-A-E-DBL Two amber 3-1/2 digit displays mounted in a single enclosure

RELATED PRODUCTS

GP3420
GP3430

LPI-1C, LPI-3C, VPI-1C mounting goof plate, 3.40" x 2.00" (8.6 x 5.1 cm)
LPI-1C, LPI-3C, VPI-1C mounting goof plate, 3.40" x 3.00" (8.6 x 7.6 cm)