



TEXMATE

DVM-5/DIM Dimmable Mini Volt Meter 3 1/2 Digit 0.276" LED 5V DC Powered @80mA

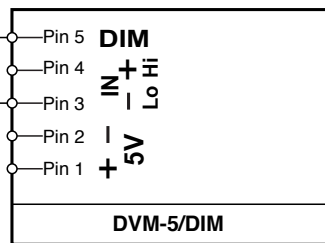
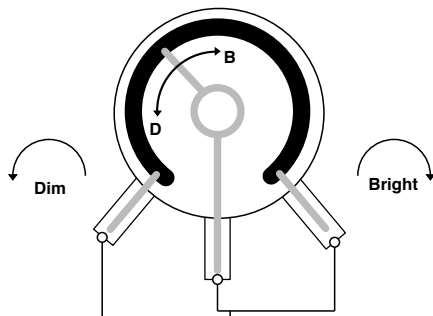
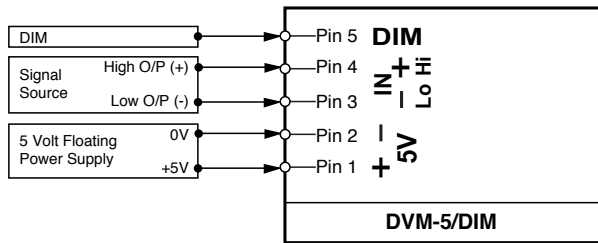
Cost-effective, adjustable brightness, LED digital Mini-Meter.

General Features

The Texmate DVM-5/DIM Mini-Meter™ is one of the world's smallest autozeroed, digital panel meters. It is offered in ranges of 200mV, 2V, 20V, and 200V full scale. The DVM-5 is designed for OEM's in the medical and scientific instrument field where small size and exceptional performance are important. This meter, although small, is very advanced and uses all surface mount technology. The brightness of the LEDs is adjustable.

Typical Application Connections

Connections to the DVM-5 for use with a floating 5 volt power supply



Compatibility

The DVM-Series have a matching Mini Case style that is compatible with all DVM-Series meters. The DVM-Series are designed for use when small spaces are available.



Specifications

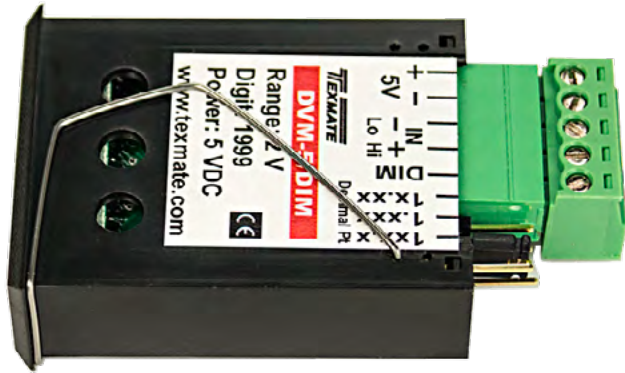
- Zero:**..... Autozeroe
- Brightness:**..... The brightness adjustment is on the upper side and is marked "H". Use only insulated screwdriver for adjustment.
- Span:**..... Right side meter adjustment.
- Connection:**..... Meter is supplied with matching 9-pin male connector. Leads exit downward.
- Warm Up Time:** 2 minutes
- Display:**..... 0.276" (7mm), Red or Green, 0-1999 counts
- Decimal Point:** User selectable
- Power Supply:** Regulated 5V ±5% DC @80mA
- Operating Temperature:** -10 to 50 °C
- Storage Temperature:** . -20 to 70 °C
- Relative Humidity:** 95% (non-condensing)
- Case Dimensions:** 1.38"Wx0.5"Hx1.77"D (35x12.7x45mm)
Front Bezel 1.46"x0.59" (37x15mm)
Panel cutout 1.38"x0.5" (35x12.7mm)
- Weight:** 0.64 oz (19gms)

DVM Series, mini size and mighty performance

DVM-5..... 3.5 digit Red LED, 5VDC Power, 2/20/200 VDC
DVM-5/4-20 3.5 digit Red LED, 5VDC Power, 4-20 mA input
DVM-5/CL..... 3.5 digit Red LED, Loop Powered, 4-20 mA input (1000)
DVM-5/G..... 3.5 digit Green LED, 5VDC Power, 2/20/200 VDC

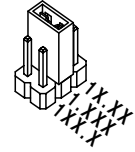
DVM-5/MV 3.5 digit Red LED, 5VDC Power, 200 mV DC input
DVM-5/RTD1..... 3.5 digit Red LED, 5VDC Power, RTD input, 0.1 °C
DVM-5/RTD2..... 3.5 digit Red LED, 5VDC Power, RTD input, 1 °C

Pin Descriptions

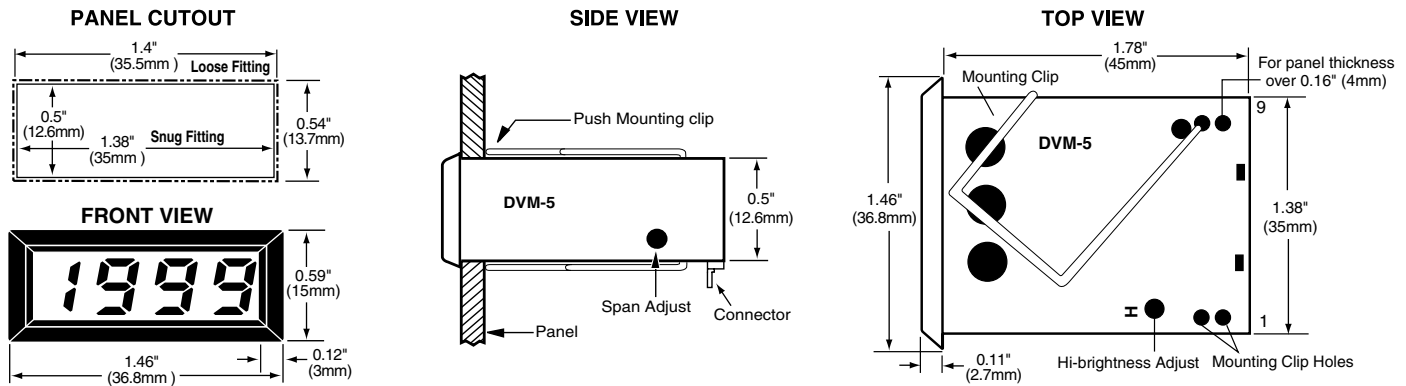


- Pin 1 = +5VDC
- Pin 2 = Ground
- Pin 3 = Signal LOW
- Pin 4 = Signal HIGH
- Pin 5 = DIM (Dimming pot between Pin5 &3)

Header Pin for Decimal Point
 Decimal Point (DP3) 1X.XX
 Decimal Point (DP2) 1.XXX
 Decimal Point (DP1) 1XX.X



Case Dimensions And Mounting Instructions



Ordering Information

Standard Options for this Model Number

Part Number	Description	List
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► BASIC MODEL NUMBER

- DVM-5.....3.5 digit Red LED, 5VDC Power, 2/20/200 VDC
- DVM-5/4-203.5 digit Red LED, 5VDC Power, 4-20mA input.
- DVM-5/G.....3.5 digit Green LED, 5VDC Power, 2/20/200 VDC. . .
- DVM-5/MV3.5 digit Red LED, 5VDC Power, 200 mV DC input. .

► SPECIAL OPTIONS (Specify Inputs or Outputs & Req. Reading)

- DVM-FSCL Special Range & Scale change DVM-5/4-20 . . .
- VDVM-200V . . . 200 VDC Range change for DVM-5
- VDVM-20V 20 VDC Range change for DVM-5

Many other options and accessories are available. See full price list for more details.
 Prices subject to change without notice.

WARRANTY

Texmate warrants that its products are free from defects in material and workmanship under normal use and service for a period of one year from date of shipment. Texmate's obligations under this warranty are limited to replacement or repair, at its option, at its factory, of any of the products which shall, within the applicable period after shipment, be returned to Texmate's facility, transportation charges pre-paid, and which are, after examination, disclosed to the satisfaction of Texmate to be thus defective. The warranty shall not apply to any equipment which shall have been repaired or altered, except by Texmate, or which shall have been subjected to misuse, negligence, or accident. In no case shall Texmate's liability exceed the original purchase price. The aforementioned provisions do not extend the original warranty period of any product which has been either repaired or replaced by Texmate.

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450 State Place, Escondido, CA 92029
 Tel: 1-760-598-9899 • 1-800-TEXMATE
 Fax: 1-760-598-9828 • Email: orders@texmate.com

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