



TEXMATE

MINI-5VDIM

**0.01% Super Accurate
Dimmable Mini Volt Meter
5V DC Powered
41mA Consumption
3 1/2 Digit 0.276" (7mm) LED**

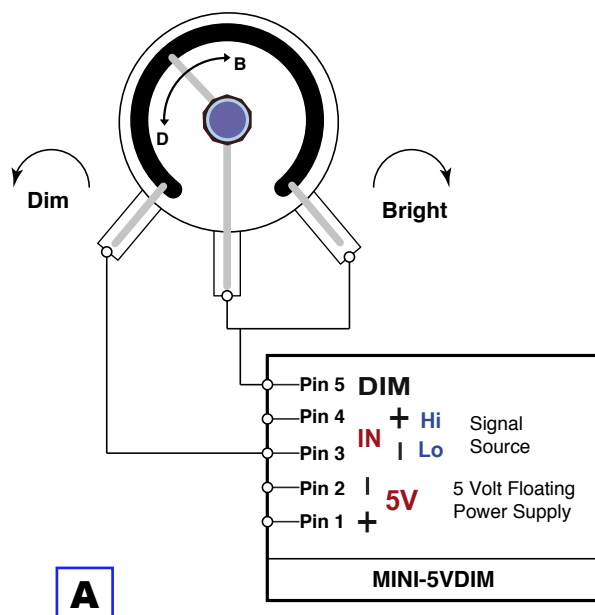
General Features

The Texmate MINI-5VDIM 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 MINI-5VDIM 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.

External Dimming Connections



Specifications

Zero:..... Autozero

Internal Brightness: .. The brightness adjustment is on the upper side and is marked "H". Use only insulated screwdriver for adjustment.

External Brightness: Uses a 1KΩ pot as shown in the illustration A. Up to 25 meters can be used with a single 1 KΩ pot.

Sample Rate:..... 2.5/second

Span:..... Right side meter adjustment.

Connection:..... Meter is supplied with Screw Terminal type connector.

Input Resistance: 0.2/2V 100GΩ, 20/200V 1MΩ

Accuracy:..... 0.01% of reading ± 1 count.

Warm Up Time:..... 2 minutes

Display:..... 0.276" (7mm), Red, Green or Blue LED, ±1999 counts.

Over Range:..... Blank last three digits

Decimal Point: User selectable

Power Supply: Regulated 5VDC ±5% @ 41mA

Operating Temperature: -10 to 60 °C

Temperature Coefficient: ±100ppm / °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: 0.67 oz (19gms)

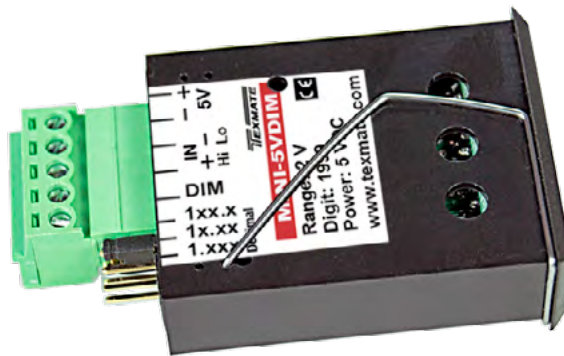
MINI Series, mini size and mighty performance

MINI-5VDIM..... 3.5 digit Red LED, 5VDC Power, 2/20/200 VDC, Dimmable
MINI-CL4-20..... 3.5 digit Red LED, Loop Powered, 4-20mA input (1000)

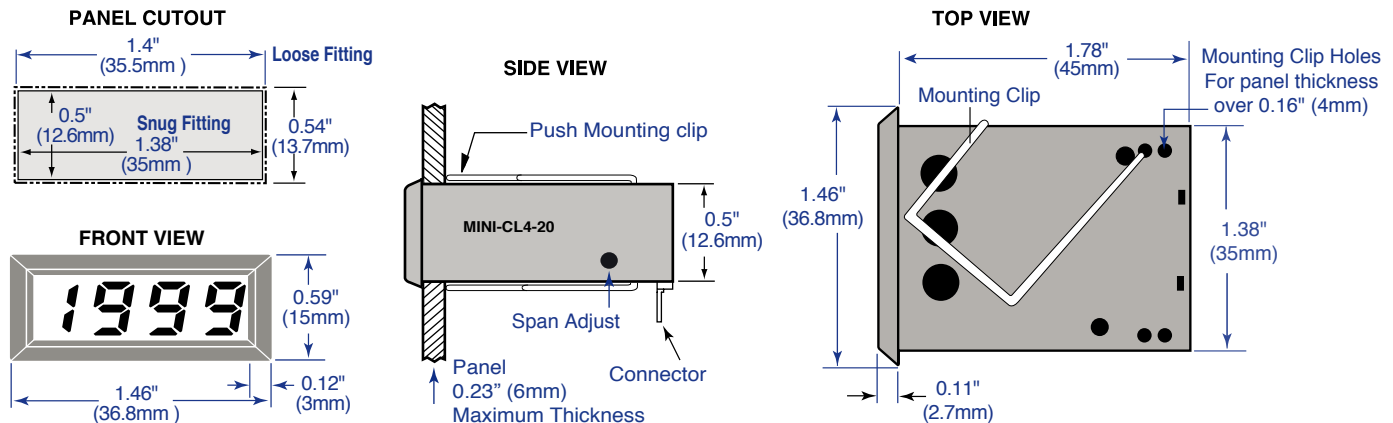
Pin Descriptions

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

Header Pin for Decimal Point
 Decimal Point 1XX.X
 Decimal Point 1X.XX
 Decimal Point 1.XXX



Case Dimensions And Mounting Instructions



Ordering Information

Standard Options for this Model Number

Part Number	Description	List
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► BASIC MODEL NUMBER

MINI-5VDIM 3.5 digit Red LED, 5VDC Power, 2/20/200 VDC

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

ZRMINI200V . . . 200 VDC Range change for MINI-5VDIM.....

ZRMINI20V 20 VDC Range change for MINI-5VDIM.....

Many other options and accessories are available. Visit www.texmate.com for more details.

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.

USER'S RESPONSIBILITY

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