



Optional **Panel Adapter Disk**-  
When replacing a round analog meter  
with a rectangular digital meter meter

# TEXMATE

MINI-Series



## MINI-CL4-20

**0.01% Super Accurate**

**Loop powered 4-20mA Mini meter**

**It can be factory scaled to read output  
in any engineering unit  
from 0 to 1999 and -1000 to 1000**

### General Features

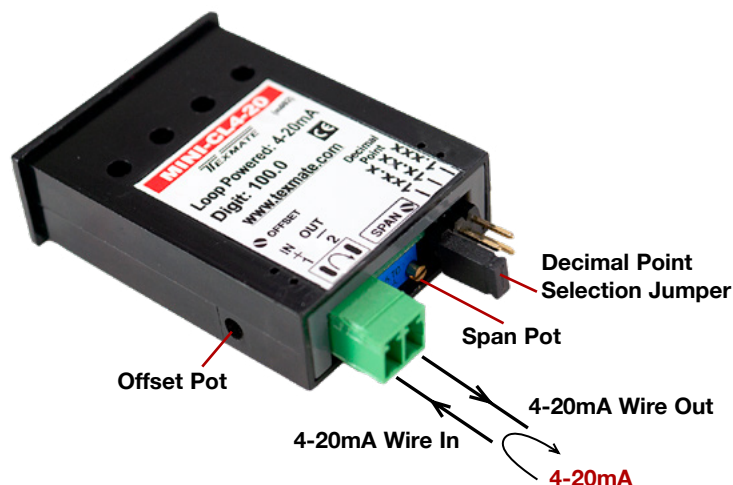
The Texmate MINI-CL4-20 is a miniature loop powered LED digital panel meter. The small size is an advantage especially in the process industry where space is often critical.

The MINI-CL4-20 is designed also 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 MINI-CL4-20 comes standard 0 to 100.0 full scale. It can be factory scaled to read output in any engineering unit from 0 to 1999 and -1000 to 1000. Decimal point can be set by the users by moving jumper pin on the rear side of the meter.

### Conectors and Pinouts

The MINI-CL4-20 is internally connected and factory calibrated for current loop measurement. To connect the meter to the user's system, two wires are required. Connect the 4-20mA In wire to pin 1 marked "+", and connect the 4-20mA Out wire to pin 2 marked "-". Use jumper to change decimal point position.



### Specifications

**Loop Drop:** ..... Max. Voltage drop of 5.3V.  
**Accuracy:** ..... 0.01% of reading,  $\pm 1$  count.  
**Connection:**..... Meter is supplied with screw terminal type connector.  
**Warm Up Time:** ..... 2 minutes  
**Display:**..... 0.276" (7mm), Red LED  
**Sample Rate:**..... 1/second  
**Decimal Point:** ..... User selectable 1.XXX, 1X.XX or 1XX.X  
**Power Supply:** ..... No separate power supply is required. The meter is powered from the 4-20mA current loop.  
**Operating Temperature:** . -10 to 60 °C. Typical max 50ppm for 75%.  
**Temperature Coefficient:**  $\pm 100$ ppm / °C  
**Storage Temperature:** . -20 to 70 °C  
**Relative Humidity:** ..... 95% (non-condensing)  
**Case Dimensions:** ..... 1.37"Wx0.5"Hx1.79"D (34.8x12.6x45.5mm)  
Front Bezel 1.46"x0.59" (37x15mm)  
Panel cutout 1.38"x0.5" (35x12.8mm)  
**Weight:** ..... Net 0.8 oz (23gms)

### Custom Scaling

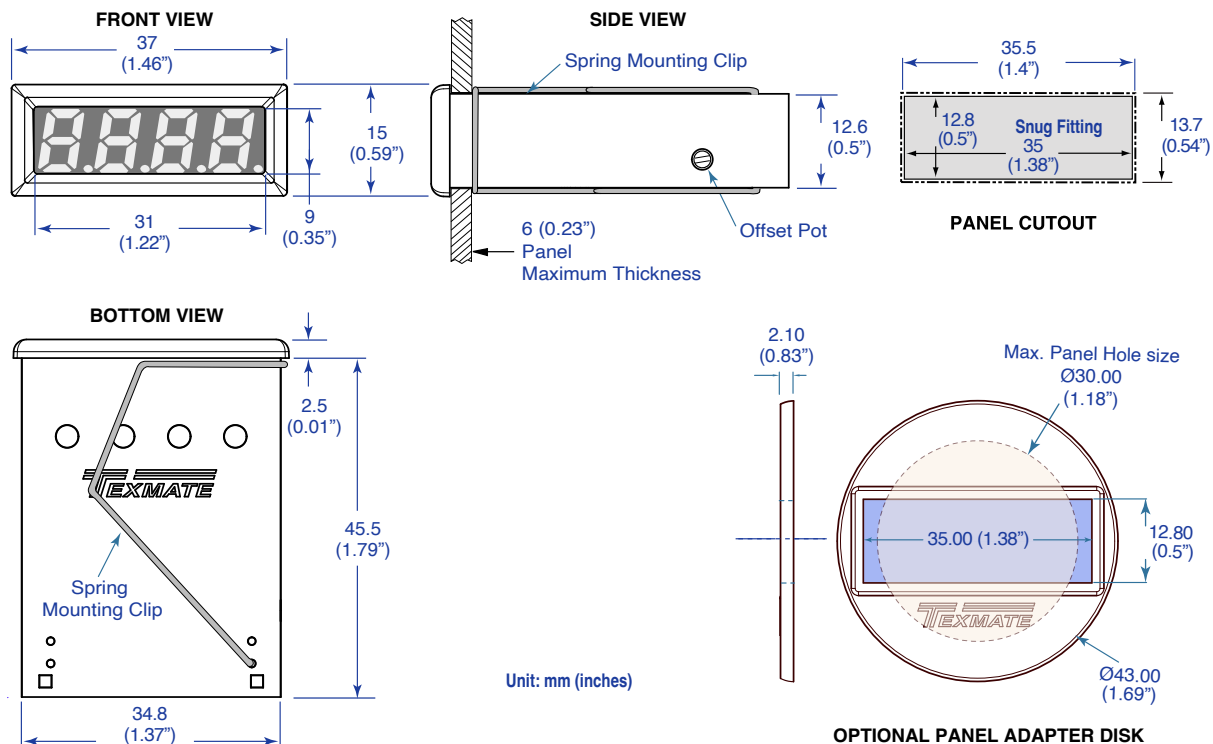
The following ranges are available by ordering part number ZSM- for special scaling from the factory. Other ranges on request.

Scaling order code	4mA reading	20mA reading
ZR-MINI4-20 (STD)	000	100.0
ZSM1600-1999	000	1600-1999
ZSM900-1600	000	900-1600
ZSM600-900	000	600-900
ZSM300-600	000	300-600
ZSM100-300	000	100-300
ZSM-1K-0-1K	-1000	1000

Applications for 4-20mA input include pressure, temperature, level, flow and other process measurements.

OEM Applications include CATV systems, medical and scientific instruments, SCADA and wastewater systems.

# MINI Meter Case Dimensions and Panel Cutouts



## Ordering Information

### Standard Options for this Model Number

Part Number	Description
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#### ► BASIC MODEL NUMBER

MINI-CL4-20 ..... 3.5 digit Red LED, Loop Powered, 4-20mA input (100.0) ..

#### ► ACCESSORIES

MINIDISKG. .... 43mm (1.69") Panel Adapter Disk .....

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

ZSMINI420 ..... Factory default input 4-20mA. Default display scaling 0-100.0, choose ZS for a different scaling .....

Many other options and accessories are available. Visit [www.texmate.com](http://www.texmate.com) for more details.

Prices subject to change without notice.

## Other MINI Series Meters

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 (100.0)



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## 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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