



Features

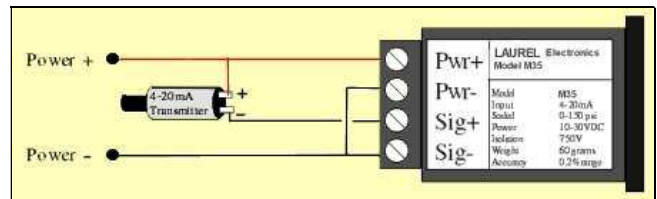
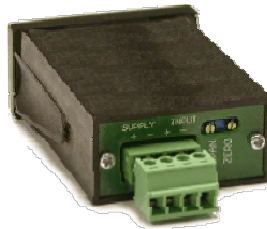
- Fully scalable 3 1/2 digit process meter
- 4-20 mA, 0-10 mA, 0-2V, 1-5V, or 0-10V signals
- 24 x 48 mm (0.94" x 1.89") bezel
- 10 mm (0.4") high LED digits
- Isolated 10-30 Vdc power
- Detachable screw terminal connectors.
- EM certified (CE Mark)

Description

The **M-35 Microminature Process Meter** is the solution when panel space is limited or the size and weight of the indicator must be as small as possible. The bezel measures only 24 x 48 mm (0.94" x 1.89"), yet the height of the red LED digits is a full 10 mm (0.4").

The **M-35 is a scaleable 3-1/2 digit process meter** for 4-20 mA, 0-10 mA, 0-2 V, 1-5 V, and 0-10 V signals. It is powered from 10-30 Vdc, so that it can run off batteries. Power and signal are isolated to facilitate panel design, with no worries about ground loop errors.

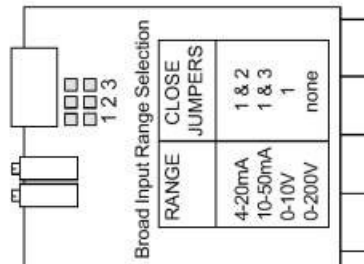
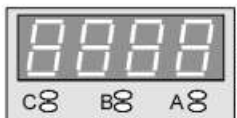
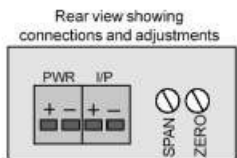
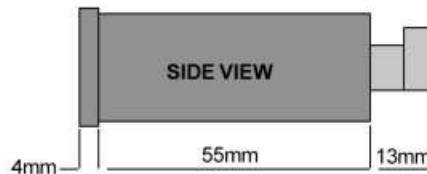
A **detachable screw terminal connector** is standard and provides a benefit rarely found on meters of this size. The connector pin assignments as well as the zero and span adjustments are clearly labeled on the back of the meter.



This diagram for a typical pressure monitoring application shows how simple the M-35 is to connect. The same DC source powers the transducer and meter. Only three field wires are required.

Small size, low weight, and isolated DC power make the M-35 ideal for portable test equipment.

Mechanical



Specifications

Signal	
Signal types Signal polarity Scaling method A/D conversion Accuracy	4-20 mA, 0-10 mA, 0-2 V, 1-5 V, 0-10 V Bipolar, single-ended. Zero & span potentiometers Dual slope integration 0.2% of range
Display	
Number of digits Display range Display type Digit height Decimal point selection	3 1/2 ±1999 Red LED 10 mm (0.39") Plug-in jumpers behind front panel
Electrical	
Signal isolation Power to meter	750 Vac 10-30 Vdc, 0.6 W
Mechanical	
Bezel dimensions Panel cutout Depth behind panel Electrical connections Weight	24 x 48 mm (0.94" x 1.89"), H x W 22.5 x 45 mm (0.89" x 1.77"), H x W 67 mm (2.64") including connector Four screw terminals, detachable connector 60 g (2 oz)
Environmental	
Operating temperature Storage temperature	-20°C to 60°C (-4°F to 140°F) -40°C to 80°C (-40°F to 176°F)

Ordering: Order Model M-35