

▲ PEAKTRONICS

MLT-101

Manual Loop Transmitter

The Peaktronics MLT-101 is a two-wire 4-20mA manual loop transmitter that is controlled by a built-in potentiometer and is panel or enclosure mountable. The MLT-101 has also been improved over the MLT-100A with the addition of three components and an adhesive backed dial plate. The MLT-101 is now designed to meet NEMA 4 requirements.

Since the MLT-101 draws its power from the current loop, the unit can be located anywhere without concern over providing power and requires only two wires to be connected.

The MLT-101 converts the 0-100% adjustment to an output of the 4 to 20mA. This signal can be used by any number of process controllers that have a 4-20mA command input. The MLT-101 can be especially useful to control Peaktronics AMC/DHC/LRC and SVC series controllers, (see datasheets for wiring). In these applications, the MLT-101 is used to manually set the position for any actuator.

The MLT-101 includes all necessary hardware with a dial plate that is scaled to 0 to 100. Also, the MLT-101 features a terminal strip for easy wire terminations. Using a shielded cable, connect the shield to the signal ground terminal at the controller input.



SPECIFICATIONS

POWER REQUIREMENTS

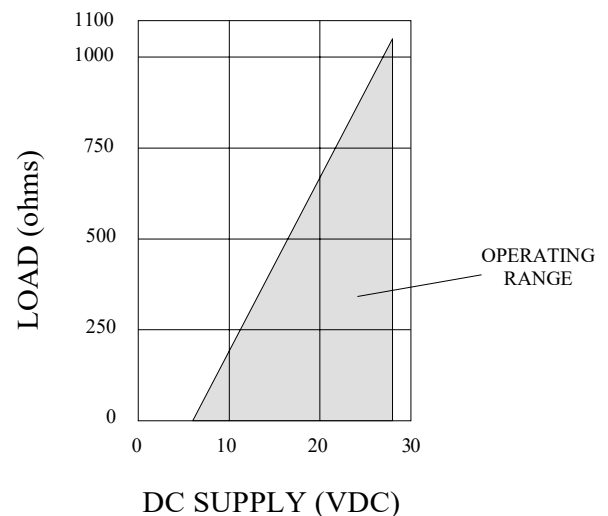
Minimum Voltage	6 VDC
Maximum Voltage	28 VDC
Maximum Reverse Voltage	40 VDC
Maximum Power Dissipation	0.56W

OUTPUT SPECIFICATIONS

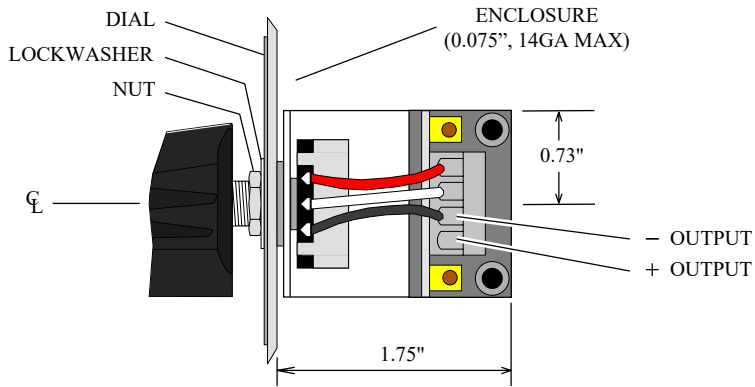
0% Output	4.0 mA
100% Output	20.0 mA

ENVIRONMENTAL

Operating Temperature	0 to 65 °C
Storage Temperature	-40 to 85 °C
Relative Humidity	0 to 90 % (non-condensing)



SIDE VIEW



DIAL PLATE DIMENSIONS

