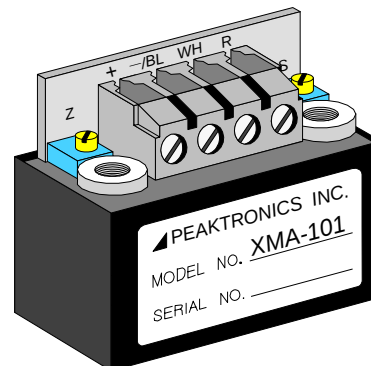


XMA-101

4-20mA (2-wire) Transmitter

The Peaktronics XMA-101 is compatible with all TSP Series probes and has a standard 4-20mA output that is ideal for long distance transmission without loss of signal integrity. The small size, compression screw terminals, and screw mounting permit easy field installation. The XMA-101 can be installed in utility boxes, junction boxes, explosion proof housings, and a variety of industrial and commercial enclosures.

All units are factory calibrated for a 0 to 2 VDC input range. When connected to a Peaktronics' sensor, a temperature range from 5 to 200 °F can be achieved without field calibrations.



SPECIFICATIONS

POWER REQUIREMENTS

Minimum Voltage	10 VDC
Maximum Voltage	28 VDC
Maximum Reverse Voltage	40 VDC
Maximum Power Dissipation	0.56 W

INPUT RANGE

0 to 2 VDC

OUTPUT SPECIFICATIONS

Zero Output	4.0 mA (input = 0 VDC)
Full Scale Output	20.0 mA (input = 2 VDC)

ACCURACY

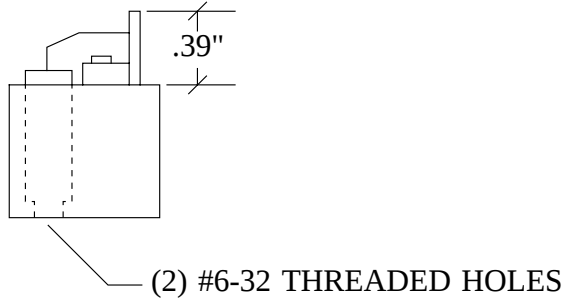
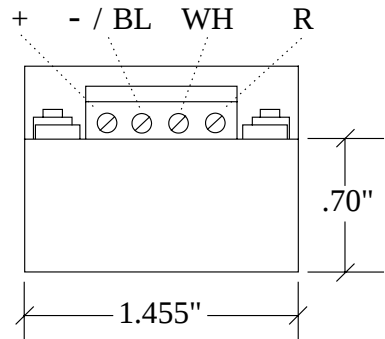
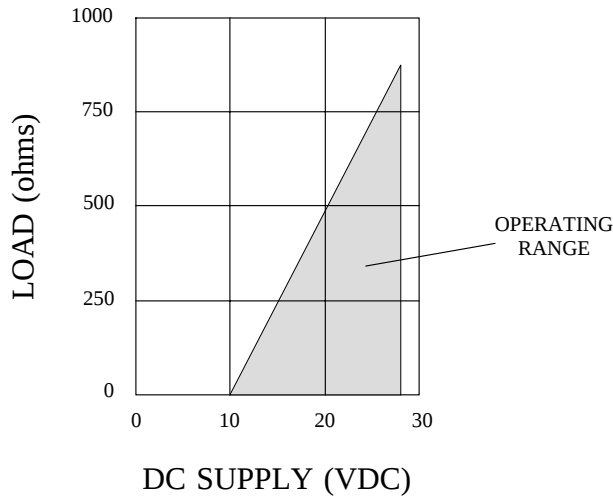
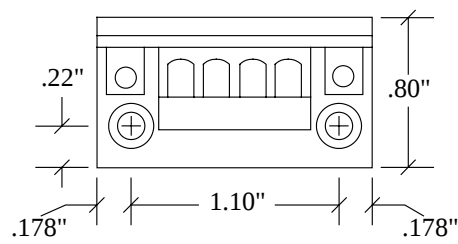
Zero	±0.1% @ 25 °C
Span	±0.1% @ 25 °C

ENVIRONMENTAL

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

ENVIRONMENTAL STABILITY

Zero	0.010% of zero per °C maximum
Span	0.015% of span per °C maximum



CONNECTING TSP SERIES TEMPERATURE SENSOR

