

# ▲ PEAKTRONICS

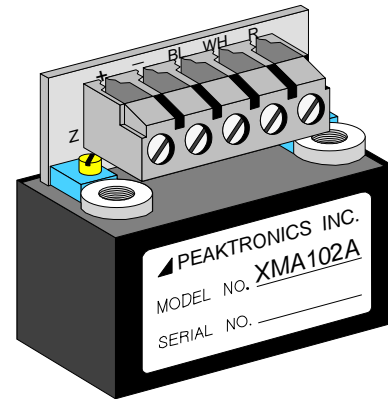
The Peaktronics XMA-102 is compatible with all TSP Series probes and has a standard 4-20mA output that is ideal for long distance transmission without loss of signal integrity. Its small size along with compression screw terminals and screw mounting allow for easy field installation. The XMA-102 can be installed in utility boxes, junction boxes, explosion proof housings, and a variety of industrial and commercial enclosures.

All units are factory calibrated to a customer specified range, eliminating any field calibrations. When connected to a Peaktronics sensor, special temperature ranges (from -50 to 300 °F) can be achieved, as shown in the table below.

MODEL	INPUT RANGE (VDC)	TEMPERATURE (°F)
XMA-102A	-0.4 to 1.6	-40 to 160
XMA-102B	-0.2 to 1.8	-20 to 180
XMA-102C	0 to 1.0	0 to 100
XMA-102D	0.5 to 1.5	50 to 150
XMA-102E	1.0 to 2.0	100 to 200
other	specify	specify

## XMA-102

4-20mA (2-wire)  
Special Range Transmitter



## SPECIFICATIONS

### POWER REQUIREMENTS

Operating Voltage	11-28 VDC
Maximum Reverse Voltage	40 VDC
Maximum Power Dissipation	0.56 W

### INPUT VOLTAGE RANGE

Zero (output = 4.0mA)	-0.5 to 1.0 VDC (specify)
Span (output = 20.0mA)	1.0 to 3.0 VDC (specify)
Zero-to-Span Differential	1.0 VDC minimum

### ACCURACY

Zero	±0.1% @ 25°C
Span	±0.1% @ 25°C

### ENVIRONMENTAL

Operating and 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

