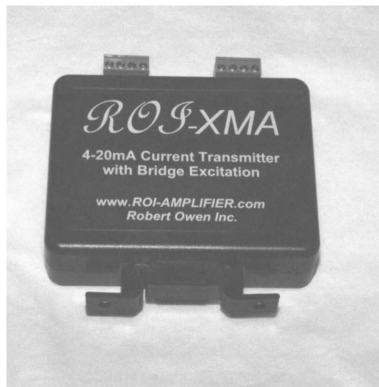


# ROI

## ROI LOOP POWERED THERMISTOR TRANSMITTER

The ROI-XMA series is a versatile family of loop powered 4-20mA transmitters with built in sensor excitation. Signal range can be scaled within thermistor temperature ranges from -60 to 300 Deg F (-50 to 120 Deg C ). Versions can be provided for thermistor resistances, between 1K and 100Kohm impedance. Transmitter supply voltage may be from 7.5 to 36Vdc. Output circuit is reverse connection protected and filtered.

- PLUGGABLE EURO ELECTRICAL CONNECTORS
- SNAP ON MOUNTING BASE FOR DIN RAIL OR SURFACE MOUNTING
- WIDE 4-20mA LOOP SUPPLY RANGE FROM 7.5-36V
- USED IN REMOTE MONITORING
- MEASURE 10K OHM NTC INDUSTRY STANDARD THERMISTORS



[WWW.ROI-AMPLIFIER.COM](http://WWW.ROI-AMPLIFIER.COM)

516-815-3199

PO Box 227, Albertson, NY 11507

# ROI

## ROI LOOP POWERED THERMISTOR TRANSMITTER

### Specifications:

MOUNTING: 35mm DIN rail or surface mountable snap on base

SUPPLY RANGE: 7.5 TO 36Vdc

SIGNAL OUTPUT: 4-20mA (LOOP POWERED )

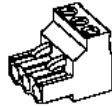
CONNECTIONS: 30-12awg wire

INPUT RANGE: -10 to 75 Deg C, 0 to 75 Deg C, -10 to 50 Deg C, or 0 to 50 Deg C

INPUT TYPE: 10K OHM 2 WIRE NTC SENSOR

RESPONSE: <10mS

DIMENSIONS: 4.510 X 1.258 X 3.948" (height above rail) lwh  
Mated connector adds additional 3/8" to height



Pluggable  
Connection



Snap On Mounting

### **10K ohm Thermistor to 4-20mA 2 wire loop powered transmitter**

#### **HOW TO ORDER**

<b>Part Number</b>	<b>10K NTC Thermistor Range</b>
ROI-10KXMAN1075C	-10 to 75 Deg C
ROI-10KXMAN075C	0 to 75 Deg C
ROI-10KXMAN1050C	-10 to 50 Deg C
ROI-10KXMAN050C	0 to 50 Deg C

[WWW.ROI-AMPLIFIER.COM](http://WWW.ROI-AMPLIFIER.COM)

516-815-3199

PO Box 227, Albertson, NY 11507

135jxth10k