

ROI

ROI-XMA 10K NTC THERMISTOR 4-20mA 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 10Kohm 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
- READ THERMISTOR WITH PLC, RTU, & PC A-D SYSTEMS
- USE WITH 20mA, 5V, & 10V MEASUREMENT SYSTEMS*



Robert Owen Inc.
516-629-5134
PO Box 227, Albertson, NY 11507
<http://www.robertoweninc.com>

222Kxth10K

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ROI-XMA 10K NTC THERMISTOR 4-20mA 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 50 Deg C, 0 to 50 Deg C, -10 to 75 Deg C, or 0 to 75 Deg C)

INPUT TYPE: 10K OHM 2 WIRE NTC SENSOR

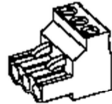
RESPONSE: <10mS

DIMENSIONS: 4.510 X 1.258 X 3.948" (height above rail) LWH ***

* Loop termination resistor required when used with voltage ADC

** 4-20mA signal uses a 2 wire connection. Transmitter output is connected in series, with supply and measurement device.

*** Mated connector adds additional 3/8" to height



Pluggable
Connection



Snap On Mounting

ROI-XMA 10K NTC THERMISTOR 4-20mA TRANSMITTER HOW TO ORDER

Part Number	10K NTC Thermistor Range
ROI-10KXMAN1050C	-10 to 50 Deg C
ROI-10KXMA050C	0 to 50 Deg C
ROI-10KXMAN1075C	-10 to 75 Deg C
ROI-10KXMA075C	0 to 70 Deg C

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