

ROI

ROI-XMA PT100 RTD 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 RTD temperature ranges from -200 to 500°C. Transmitter works with standard commercial Platinum 100Ω (PT100) RTDs. 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
- MEASURES PT100 INDUSTRY STANDARD RTDs
- READ RTDS WITH PLCs, RTU, & PC A-D SYSTEMS
- USE WITH 20mA, 5V, & 10V MEASUREMENT SYSTEMS*



Manufactured By:
Robert Owen Inc.
PO Box 227
Albertson, NY 11507 USA
Phone 516-629-5134
Fax 516-706-1705
sales@robertoweninc.com
<http://www.robertoweninc.com>

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ROI-XMA RTD 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: -200 to 500°C

INPUT TYPE: PT100

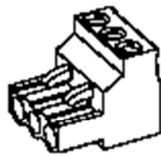
RESPONSE: <10mS

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

HOW TO ORDER

100Ω (PT100) Platinum RTD to 4-20mA 2 wire loop powered transmitter

Part Number	RTD / Range
ROI-100RXMAN200500C	PT100 / -200 to 500°C

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