

ROI

ROI-XMA PT1000 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 1000Ω (PT1000) 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 PT1000 INDUSTRY STANDARD RTDs
- READ RTDS WITH PLCs, RTU, & PC A-D SYSTEMS
- USE WITH 20mA, 5V, & 10V MEASUREMENT SYSTEMS*



Manufactured By:
Robert Owen Inc.
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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: PT1000

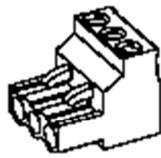
RESPONSE: <10mS

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

1000Ω (PT1000) Platinum RTD to 4-20mA 2 wire loop powered transmitter

Part Number	RTD / Range
ROI-1000RXMAN200500C	PT1000 / -200 to 500°C

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