

ROI

ROI-XMA POTENTIOMETER 4-20mA TRANSMITTERS

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 resistance ranges from 1K to 10K Ohms. 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 INDUSTRY STANDARD POTENTIOMETERS
- READ POTENTIOMETER 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>

222Kxpot1-10000

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ROI-XMA POTENTIOMETER 4-20mA TRANSMITTERS

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: 0 - 10,000 ohms

INPUT TYPE: 1K, 2K, 5K, or 10K POTENTIOMETER

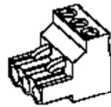
RESPONSE: <10mS

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

Potentiometer to 4-20mA 2 wire loop powered transmitter

HOW TO ORDER

| Part Number | Potentiometer Range |
|----------------|---------------------|
| ROI-25XMA01KP | 0 – 1,000 Ohms |
| ROI-25XMA02KP | 0 – 2,000 Ohms |
| ROI-25XMA05KP | 0 – 5,000 Ohms |
| ROI-25XMA010KP | 0 – 10,000 Ohms |

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