

# ROI

## ROI-XMA 1K OHM POTENTIOMETER 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 potentiometer 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 1K OHM INDUSTRY STANDARD POTENTIOMETERS
- READ POTENTIOMETER WITH PLC, RTU, & PC A-D SYSTEMS
- USE WITH 20mA, 5V, & 10V MEASUREMENT SYSTEMS\*



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## ROI-XMA 1K OHM POTENTIOMETER 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: 0 - 1,000 ohms

INPUT TYPE: 1K POTENTIOMETER

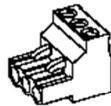
RESPONSE: <10mS

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

### 1K ohm Potentiometer to 4-20mA 2 wire loop powered transmitter

#### HOW TO ORDER

Part Number	Potentiometer Range
ROI-25XMA01KP	0 – 1,000 Ohms

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