

RXMOD-A1

RX3000 4-channel Analog Module

An optional analog module with four analog inputs that support excitation power, scaling, and statistics measurements.

Important Information

This product requires an RX3000 Remote Monitoring Station.



Features

- 15-bit resolution and high accuracy
- Each module can have its own logging rate
- Input ranges up to 33V

Contact Us

Sales (8am to 5pm ET, Monday through Friday)

- Email sales@onsetcomp.com
- Call 1-508-759-9500
- In U.S. toll free 1-800-564-4377
- Fax 1-508-759-9100

Technical Support (8am to 5pm ET, Monday through Friday)

- Contact Product Support www.onsetcomp.com/support/contact
- Call 1-508-759-9500
- In U.S. toll free 1-877-564-4377

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RX3000 4-channel Analog Module (RXMOD-A1) Specifications

| | |
|---|--|
| Input Channels | Four, single-ended, in addition to smart sensor data channels |
| Measurement Range and Accuracy | 0–25.6 mA DC, $\pm 5 \mu\text{A} \pm 0.15\%$ of reading 0–2.5 V DC, $\pm 0.25 \text{ mV} \pm 0.2\%$ of reading 0–5 V DC, $\pm 0.25 \text{ mV} \pm 0.2\%$ of reading 0–10 V DC, $\pm 0.3 \text{ mV} \pm 0.2\%$ of reading 0–20 V DC, $\pm 0.6 \text{ mV} \pm 0.2\%$ of reading 0–33 V DC, $\pm 1.20 \text{ mV} \pm 0.2\%$ of reading |
| Resolution | 15 bits |
| Field Wiring | Two- or three-wire via screw terminals, 16–24 AWG |
| Minimum/Maximum Input Voltage | 0/33 V DC |
| Minimum/Maximum Input Current | 0/25.6 mA |
| Minimum Source Impedance for Current Measurement | 20 K Ω |
| Excitation Voltage | 12 V DC $\pm 5\%$ at 200 mA maximum per module |