

# ADAM-4015

## 6-ch RTD Input Module



### General

- **Certification:** CE, FCC
- **Connectors:** 2 x plug-in terminal blocks (#14 ~ 28 AWG)
- **Power Input:** 10 ~ 30 VDC
- **Power Consumption:**
  - **Typical:** 0.5 W @ 24 VDC
  - **Max.:** 0.9 W @ 24 VDC
- **Watchdog Timer:** System (1.6 s) & Communication
- **Supported Protocols:** ASCII command and Modbus/RTU
- **Burnout Detection:** Yes

### Environment

- **Operating Humidity:** 5 ~ 95% RH
- **Operating Temperature:** -10 ~ 70°C (14 ~ 158°F)
- **Storage Temperature:** -25 ~ 85°C (-13 ~ 185°F)

### RTD Input

- **Channels:** 6 differential
- **Input Connections:** 2, 3-wire
- **Sampling Rate:** 10 Hz total channels
- **Input Impedance:** 10 MΩ
- **Input Type:** Pt, Balco, Ni and BA1 RTD
- **RTD Types and Temperature Ranges:**

**Pt100:** -50~150°C

0~100°C

0~200°C

0~400°C

-200~200°C

Supports both IEC 60751 ITS90 (0.0385 W/W/°C) and JIS C 1604 (0.0392 W/W/°C)

**Pt1000:** -40~160°C

**Balco (500):** -30~120°C

**Ni (518):** -80~100°C

0~100°C

**Ni (508):** 0~100°C

-50~200°C

**BA1:** -200~600°C

- **Accuracy:** ±0.1% (Typical)
- **CMR @ 50/60 Hz:** 120 dB
- **Span Drift:** ± 25 ppm/°C
- **Zero Drift:** ± 6 µV/°C