

# EX-9017-MTCP

## 8-channel Analog Input with 2/DO Module

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### Features:

- 16-bit, 8-channel analog differential input module that provides programmable input ranges on all channels
- accepts millivoltage inputs ( $\pm 100\text{mV}$ ,  $\pm 500\text{mV}$ ), voltage inputs ( $\pm 1\text{V}$ ,  $\pm 5\text{V}$  and  $\pm 10\text{V}$ ) and current input ( $\pm 20\text{ mA}$ ,  $4\sim 20\text{ mA}$ )
- provides data to the host computer in engineering units (mV, V or mA)
- designed with 8 analog inputs and 2 digital outputs.
- each analog channel is allowed to configure an individual range for variety of applications.



### Specifications:

- DualWatchdog
  - Module Watchdog: yes
- Analog input
  - Channels: 8 differential
  - Resolution: 16 bit
  - Total sample rate: 10 Hz
  - Voltage range:  $\pm 150\text{ mV}$ ,  $\pm 500\text{ mV}$ ,  $0\text{-}5\text{ V}$ ,  $\pm 10\text{ V}$ ,  $0\text{-}20\text{ mA}$ ,  $4\text{-}20\text{ mA}$
  - Voltage impedance:  $20\text{ MOhm}$
  - Overvoltage protection: Withstands overvoltage up to  $\pm 35\text{V}$
- Sensor Input
  - Accuracy:  $\pm 0.1\%$
  - Zero Drift:  $\pm 6\text{ }\mu\text{V}/^\circ\text{C}$
  - Span Drift:  $\pm 25\text{ ppm}/^\circ\text{C}$
  - Isolation:  $2500\text{ Vrms}$
- Digital output
  - Channels: 2 (Open Collector to  $50\text{ V}$ ,  $500\text{ mA}$  max. load)
  - Isolation:  $2500\text{ VDC}$
- General specification
  - Power requirements:  $10\text{ V}$  to  $+30\text{ V}$
  - Power consumption:  $2.2\text{ W}$