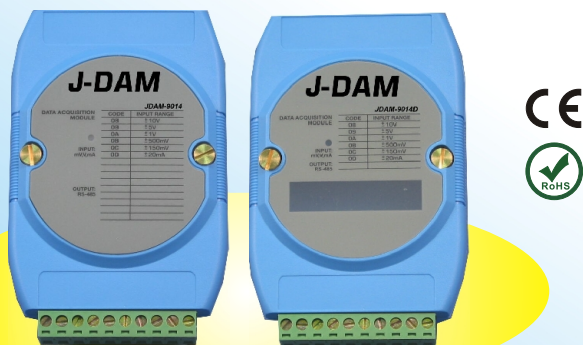




Bridging the Gap between Real World and Computer

JDAM-9014/9014D

Analog/Transmitter Input
with LED Display



Specifications

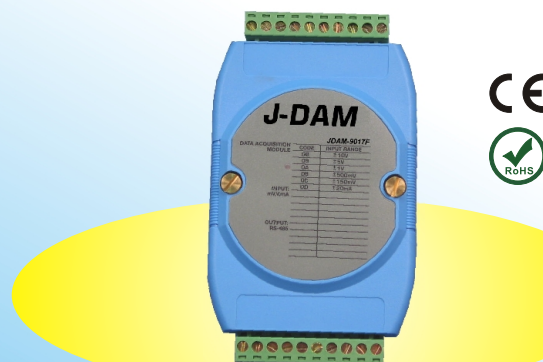
- Interface : RS485, 2 wires
- Speed (bps) : 1200, 2400, 4800, 9600, 19.2K, 38.4K, 115.2K
- Analog Input
 - LED Indication : LED 4 1/2 digit for displaying analog input voltage(JDAM-9014D)
 - Input Channel : 1 single-ended channel
 - Isolation : photo-isolation 3,750Vrms
 - Resolution : 16-bit
 - Input Range : $\pm 150\text{mVdc}$, $\pm 500\text{mVdc}$, $\pm 1\text{Vdc}$, $\pm 5\text{Vdc}$, $\pm 10\text{Vdc}$ and $\pm 20\text{mA}$
 - Sample Rate : 10 samples/sec
 - Band Width : 4.0Hz
 - Zero Drift : $5\mu\text{V}/^\circ\text{C}$
 - Span Drift : $25\text{ppm}/^\circ\text{C}$
 - Accuracy : 0.05% or better
 - CMRR : 150 DB min. @50/60Hz
 - Over Voltage Protection : $\pm 10\text{Vdc}$
- Digital Input
 - Input Channel : 1
 - Logical Level 0 : $+1\text{Vdc}$ (max.)
 - Logical Level 1 : $+3.5\text{Vdc} \sim +30\text{Vdc}$
 - Band Width : 50Hz (max.)
 - Pulse Width : 0.5ms (min.)
- Digital Output
 - Output Channel : 2
 - Output Type : Open collector output
 - Max. Loading : 30mA @30Vdc load (max.)
- Power Consumption : 1.4W (max.) JDAM-9014
2.0W (max.) JDAM-9014D
- Power requirement : 10Vdc $\sim$ 30Vdc

Ordering Information

- JS51DAM9014 : Analog/Transmitter input
- JS51DAM9014D : Analog/Transmitter input with LED display

JDAM-9017F

8-Channel Isolated Analog Input Module



Specifications

- Interface : RS485, 2 wires
- Speed (bps) : 1200, 2400, 4800, 9600, 19.2K, 38.4K, 115.2K
- LED Indication : LED for power and communication
- Input Channel : 6 differential + 2 single-ended or 8 differential
- Resolution : 16-bit / 12-bit
- Input Range : $\pm 150\text{mVdc}$, $\pm 500\text{mVdc}$, $\pm 1\text{Vdc}$, $\pm 5\text{Vdc}$, $\pm 10\text{Vdc}$ and $\pm 20\text{mA}$
- Isolation : Fully photo-isolation 3,750Vrms
- Sample Rate :
 - Normal Mode : 10 samples/sec (16-bit)
 - Fast Mode : 60 samples/sec (12-bit)
- Band Width : 15.72Hz (normal); 78.6Hz(fast)
- Zero Drift : $0.03\text{uV}/^\circ\text{C}$
- Span Drift : 25 ppm/ degree C Accuracy
 - Normal Mode : 0.1 or better
 - Fast Mode : 0.5 or better
- CMRR : 92 DB min. @50/60Hz
- Over Voltage Protection : $\pm 35\text{Vdc}$
- Power Consumption : 1.4W (max.)
- Power requirement : 10Vdc $\sim$ 30Vdc

Ordering Information

- JS51DAM9017F : 8-channel isolated analog input Module