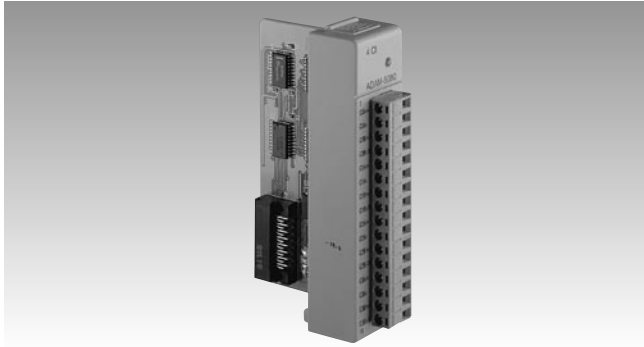


# ADAM-5080

# ADAM-5090

4-channel Counter/Frequency Module

4-port RS-232 Module



ADAM-5080



ADAM-5090



## Specifications

- **Channels** 4
- **Maximum Count** 4,294,967,285 (32 bit)
- **Input Frequency** 0.3 ~ 1000 Hz max. (frequency mode)  
5000 Hz max. (counter mode)
- **Input Level** Isolated or TTL level
- **Minimum Pulse Width** 500 ms (frequency mode)  
100 ms (counter mode)
- **Minimum Input Current** 2 mA (isolated)
- **Isolation Input Level** Logic level 0: +1 V<sub>max</sub>  
Logic level 1: +3.5 V to 30 V
- **TTL Input Level** Logic level 0: 0 V to 0.8 V  
Logic level 1: 2.3 V to 5 V
- **Isolation voltage** 1000 V<sub>RMS</sub>
- **Mode** Counter (up/down, bi-direction) frequency
- **Counter Aux. Function** Initial preset, hi-low alarm setting, alarm digital output mapping, overflag
- **Programmable Digital Noise Filter** 8 ~ 65000 ms
- **Power Consumption** 1.3 W (typical); 1.5 W (max.)

## Ordering Information

- **ADAM-5080** 4-channel Counter/Frequency Module

## Specifications

- **Ports** 4 serial ports
- **Data Bits** 5, 6, 7, 8
- **Stop Bits** 1, 1.5, 2
- **Parity** none, even, odd
- **UARTs** 1 x 16C954 (128-byte FIFO)
- **Speed** 50 ~ 115.2 kbps
- **Data Signals** T x D, R x D, RTS, CTS, DTR, DSR, DCD, RI, GND
- **Connector** RJ-45
- **LED Display** TX, RX
- **Power Consumption** 0.6 W (max.)
- **For ADAM-5510, ADAM-5511 only**

## Ordering Information

- **ADAM-5090** 4-port RS-232 Module  
(only for ADAM-5510/5510M & ADAM-5511)

## Dimensions

