



M-7017RC

M-7017RC

8-channel Current Input Module with High Common Voltage Protection

Specifications

Analog Input

Input Channels	8 differential
Input Type	+/-20mA, 0~20mA, 4~20mA
Resolution	16-bit (Normal Mode) / 12-bit (Fast Mode)
Sampling Rate	10 samples/ second (Normal Mode) / 60 sample/ second (Fast Mode)
Accuracy	+/-0.1% (Normal Mode) / +/-0.5% (Fast Mode) or better
Band Width	15.7Hz (Normal Mode) / 78.7Hz (Fast Mode)
Zero Drift	+/-20uV/°C
Span Drift	+/-25ppm/°C
Input Impedance	125Ohms
Common Mode Rejection	86dB min.
Normal Mode Rejection	100dB
Common Voltage	+/-200VDC
4KV ESD Protection	Yes, Contact for each terminal.
Intra-module Isolation, Field to Logic	3000 VDC

Interface

Interface	RS-485
Format	N, 8, 1 (details)
Baud Rate	1200 ~ 115200bps

LED Display

1 LED as Power/ Communication indicator

Power

Input	+10 to +30 VDC
Power Consumption	1.3W

Protocol

Support Modbus and DCON Protocol Yes

Environment

Operating temperature	-25 to 75°C
Storage temperature	-40 to 85°C
Humidity	5 to 95% RH, non-condensing

Ordering information

M-7017RC-G
M-7017RC-G CR

8-channel Analog Input Module (Gray Cover)
8-channel Analog Input Module (Gray Cover) (RoHS)