

Analog Input (mV, V, mA, T/C)

Input Channels	10 Differential
Input Type	+/- 15mV, +/- 50mV, +/- 100mV, +/- 500mV, +/- 1V, +/- 2.5V +/-20mA, 0~20mA, 4~20mA (Requires External 125 Ohm Resistor) Thermocouple (J, K, T, E, R, S, B, N, C, L, M, L DIN43710)
Resolution	16-bit
Sampling Rate	10 Samples/ sec (Total)
Accuracy	+/- 0.1%
-3dB BandWidth	15.7Hz
Zero Drift	+/- 0.5µV/ °C
Span Drift	+/- 25 ppm/ °C
Common Mode Rejection	150dB
Normal Mode Rejection	100 dB
Input Impedance	20M Ohms
Over voltage Protection	240Vrms
Open Thermocouple Detection	Yes
Individual Channel Configuration	Yes
Photo-Isolation	3750Vrms
Intra-module Isolation, Field to Logic	3000VDC
Interface	
Interface	RS-485
Format	N, 8, 1
Baud Rate	1200 ~ 115200bps
DB-1820	
Wire strip length	4~5mm
Wire Range	16~24 AWG
LED Display	
1 LED as Power/ Communication Indicator	
Power	
Input	+10 to +30 VDC
Power Consumption	1.0W
Environment	
Operating Temperature	-25 to 75 °C
Storage Temperature	-40 to 85 °C
Humidity	5 to 95%, Non-condensing



i-7018Z

10-channel Differential Input Module

Type	Range°C
J	-210 ~ +760
K	-270 ~ +1372
T	-270 ~ +400
E	-270 ~ +1000
R	0 ~ +1768
S	0 ~ +1768
B	0 ~ +1820
N	-270 ~ 1300
C	0 ~ 2320
L	-200 ~ +800
M	-200 ~ +100
L (DIN43710)	-200 ~ +900

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