



SG-3011

SG-3011 Isolated Thermocouple Input Module

Specifications

Analog Input	
Input Channels	1
Input Type	Thermocouple(Type J, K, T, E, R, S, B, N, C, L, M, L2)
Resolution	12-bit
Stability (temperature drift)	±2°C
Accuracy	±0.2% of full range
Band Width	5.24Hz
Overload protection	240 Vrms
Normal Mode Rejection	100dB
Input Impedance	1.8M Ohms
Offset mode	CJC offset adjustable
OPEN Thermocouple detection	Yes
Isolation (three way)	3000 Vdc
Analog Output	
Channels	1
Voltage Output	0~10V(Drive 10mA max.)
Current Output	0~20mA
Output impedance	<50Ω
LED Display	
1 LED as Power/ Communication Indicator	
Power	
Input	+10 to +30 Vdc
Power Consumption	1.44W
Environment	
Operating Temperature	-25 to 75 °C
Storage Temperature	-30 to 75 °C
Humidity	5 to 95%, Non-condensing

Thermocouple Type

Type	Range°C
J	-40 ~ +760
K	0 ~ +1000
T	-100 ~ +400
E	0 ~ +1000
R	+500 ~ +1750
S	+500 ~ +1750
B	+500 ~ +1800
N	-100 ~ +1300
C	0 ~ +2000
L	-200 ~ +800
M	-200 ~ +100
L2(DIN 43710)	-200 ~ +900

Ordering information

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