



M-7033-G



M-7033D-G

M-7033/M-7033D

3-channel RTD Input Module

Analog Input

- **Photo-isolation: 3750 Vrms**
- Channels: 3
- Input Type: Pt , Ni
- Sampling rate:
15/12.5 samples/second
while filter at 60/50Hz
- Bandwidth: 15.7 Hz
- Wire connection: 2/3/4 wire
- Accuracy: $\pm 0.1\%$
- Zero drift : $\pm 0.5\mu V/^{\circ}C$
- Span drift: $\pm 25\mu V/^{\circ}C$
- CMR @ 50/60 Hz: 150 dB min
- NMR @ 50/60 Hz: 100 dB min

RTD temperature range

Pt100 $\alpha=0.00385$

Pt100 $\alpha=0.003916$

Ni 120

Pt1000 $\alpha=0.00385$

Pt100	-100°C	to	+100°C	$\alpha=0.00385$
Pt100	0°C	to	+100°C	$\alpha=0.00385$
Pt100	0°C	to	+200°C	$\alpha=0.00385$
Pt100	0°C	to	+600°C	$\alpha=0.00385$
Pt100	-100°C	to	+100°C	$\alpha=0.003916$
Pt100	0°C	to	+100°C	$\alpha=0.003916$
Pt100	0°C	to	+200°C	$\alpha=0.003916$
Pt100	0°C	to	+600°C	$\alpha=0.003916$
Ni120	-80°C	to	+100°C	
Ni120	0°C	to	+100°C	
Pt 1000	-200°C	to	-600°C	$\alpha=0.00385$

Display LED

- 4 1/2 digits (for M-7033D only)

Communication Interface

- RS-485

Power Supply

- Input Voltage Range: +10 to +30 Vdc
- Consumption:
1.0W for M-7033
1.6W for M-7033D

Ordering Information

M-7033	3-channel RTD Input Module
M-7033D	3-channel RTD Input Module with LED display
M-7033 CR	3-channel RTD Input Module (RoHS)
M-7033D CR	3-channel RTD Input Module with LED display (RoHS)

Suggested Accessory

I-7520	I-7520 series converter for configuration or connection to PC
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