



Power Meter Monitor

Model: PMM0741

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AO (PWM) to (0-5V/0-3.3V/0-10V)

KEY FEATURES

- Analog signal output range (0-5V/0-3.3V/0-10V)
- Both power and signal isolated module
- There is no need for an external power supply; operating power supply is 5V DC
- Current consumption less than 40mA
- Error percentage does not exceed 0.1% of full scale.
- High reliability
- No software configuration is needed
- Highly compacted size
- DIN rail mounting
- Operating temperature: -20°C to +83°C

DESCRIPTION

PMM0741 is an analog output module with isolated output channel. Which is widely used in signal interface switching of PLC, single chip or other industrial control board. As the module receives pulse width modulation (PMW) signals from the CPU ranges from 0-3.3 V 0-5 V. Then, the module is capable of performing one of the following functions:

1. Maintain the signals voltage range but isolated.
2. Convert the signals voltage range to one of the following ranges (0-3.3V, 0-5V, and 0-10V) to make the signals compatible with the connected actuators.

Moreover, PMM0741 performs signal conversion at extremely high accuracy with minimum possible errors which makes it very reliable as well as it is very easy to use as there is no need for software configuration.

TECHNICAL DATA

Number of analog outputs	1
Signal type	Voltage
Voltage signal range	0-3.3V, 0-5V, 0-10V
Operating temperature	-20°C to +83°C
Degree of protection	IP54

MECHANICAL DATA

Width	66.5mm (2.6")
Height	113mm (4.5")
Depth	6mm (0.23")
Weight	50 g
Mounting type	Din rail

BLOCK DIAGRAM

NUMBER	SIDE	DESCRIPTION
1	CPU	GND
2	CPU	PWM Input
3	CPU	VCC 5V
4	FIELD	Analog Output
5	FIELD	F.GND

