



Power Meter Monitor

Model: PMM0737

Document version: 1.2

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AO (3.3/5) VDC to (0-10v)

KEY FEATURES

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

TECHNICAL DATA

Number of analog outputs	1
Signal type	Voltage
Voltage signal type	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

DESCRIPTION

PMM0737 is an analog output module that has an isolated output channel. It is useful and could be used for many industrial applications as the module receives analog signal from the controller ranges from 0-3.3 V or 0-5 V. Then the module converts the signal to scale 0 to 10 V to make it compatible with the connected actuators.

Moreover, PMM0737 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.

- PMM0737 is available in two versions, the differences between them are illustrated in the following table:

Version	Number of outputs	Isolation
1.1	2	Not isolated
1.2	1	Fully isolated

BLOCK DIAGRAM

NUMBER	SIDE	DESCRIPTION
1	CPU	GND
2	CPU	Output 0-3.3V/0-5V
3	CPU	VCC 5V
4	FIELD	Analog Output 0-10V
5	FIELD	F.GND

