



Power Meter Monitor

Model: PMM0739

Document version: 1.2

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## (3.3/5) VDC to (0/4-20ma)

### KEY FEATURES

- Analog signal output range (4-20 mA)
- 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
- 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	Current
Current signal type	4-20 mA
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

PMM0739 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 signals from the controller ranges from 0-3.3 V or 0-5 V. Then, the module converts the signal to 4 to 20 mA scale to make the signals compatible with the connected actuators. Moreover, PMM0739 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.

- PMM0739 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 1+
5	FIELD	Analog Output 1-

