

Magnetic Pickup Amplifier Module

The Tempatron MAGAMP2-M is a miniature fully encapsulated magnetic pickup interface module. It converts the low level sinusoidal output from a flowmeter or speed sensor magnetic pickup into a square wave output suitable for direct connection to a PLC, process computer or batch controller system.

The modules are sealed to IP65, making them ideal for operation in harsh environments. They are powered from 6.5 to 28Vdc and have an LED to indicate the input signal status.

Models Available

MAGAMP2-M

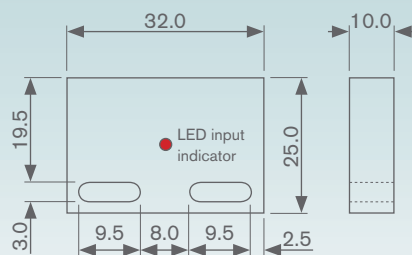
Magnetic Pickup Amplifier Module

Product Features

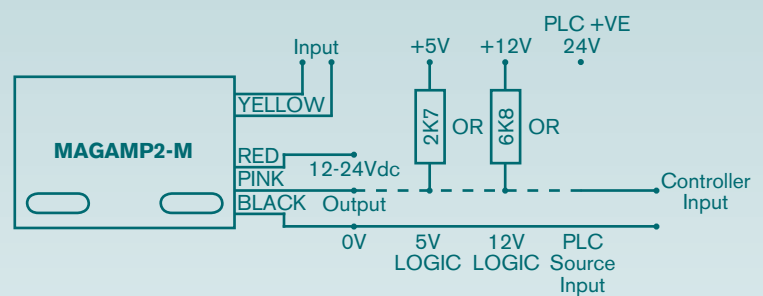
- Converts magnetic sensor inputs
- Square wave output
- Ideal for connection to PLC's or PC's
- Solid state technology
- Small enclosure protected to IP65
- LED indication for input signal
- 6.5 to 28Vdc powered

For amplifying flowmeter/speed sensor signals for connection to a PLC or PC

Dimensions



Connections



Ordering information

Model	Code	Description
	MAGAMP2-M	Magnetic Pickup Amplifier Module
Example	MAGAMP2-M	

Specification**Power Supply Voltage:**

- 6.5 to 28Vdc

Burden:

- 4.0mA nominal

Input:

- Differential, 2kohm input impedance
- 0-15kHz sinusoidal

Input Sensitivity:

- Frequency compensated
- 25mV peak to peak @ 100Hz
- 40mV peak to peak @ 1000Hz
- 300mV peak to peak @ 10,000Hz

Output:

- Open drain MOSFET
(NPN collector like)
- 100mA maximum on
- 30Vdc maximum off

Leads:

- 150mm PTFE insulated wires

Electrical Connections:

- Supply positive (red)
- Supply 0V (black)
- Output (pink)
- Differential input (yellow)
- Differential input (yellow)

Operating Temperature:

- -20°C to 65°C

Enclosure:

- Crastin® PBT SK643 enclosure material
- Flame retardant to UL94-V0

LED Indication:

- Red LED indicates signal present

Enclosure Code:

- Case IP65

Weight:

- 25g

Specification subject to change without notice.

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TEMPATRON

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