Pulse Control Module
Converting 4 to 20 mA to Proportional Power Control

- Converts 4 to 20 mA input from Temperature Controller or Computer to Time Proportional Output
- Mounts directly on an OMEGA® 3 to 32 Vdc Input SSR
- Supports Single or 3-Phase Operation
- 50 or 60 Hz Operation

The OMEGA® PCM series converter modules facilitate conversion of a 4 to 20 mA output to an on/off time proportioning output. The modules mount directly to the input terminals of an SSR. Screw terminals are provided on the converter of the 4 to 20 mA control signal. The SSR’s power section connects in standard fashion to the line and load.

The PCM module with a solid state relay provides a rectangular shape, time proportional (zero-fired) control signal to the load. Thus, the average power to the load is proportional to the 4 to 20 mA input signal.

Specifications
Analog Input Signal: 4 to 20 mA
Note: Control signal cannot drop below 4 mA or improper operation may occur.

Compliance Voltage Requirement:
Time Base: 3 cycle resolution
6.4 Vdc (320 Ω @ 20mA)

Ambient Temperature:
0 to 40°C (32 to 104°F)

Dimensions:
32 W x 45 L x 20 mmD
(1.25 x 1.75 x 0.75")

To Order
Model No. | Description
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PCM4 | Pulse control module

Comes complete with operator’s manual.

Ordering Example: PCM4, pulse control module that supports 1 or 2 SSR’s.