

CMCP300B Four Channel Passive Buffer Module



Features:

- Four (4) Inputs
- Three (3) Passive Buffered Outputs Per Input
- Allows Simultaneous Connection of Accelerometers, Proximity Probes and DC Powered Sensors
- BNC Buffered Output Per Channel
- Two (2) Buffered Outputs Per Channel Available on Screw Terminals
- Onboard Constant Current Power for IEPE Sensors
- Accepts Dual Power Supplies (+24V and -24V)
- DIN Rail Mountable
- Power OK LED Indicator
- Compact Size

Product Overview

The CMCP300B Four Channel Passive Buffer Module can accept up to four 2 or 3 wire sensors and can provide power to various Accelerometers, Proximity Probes and Speed Sensors. Each channel can be independently configured to allow the use of 2 or more different sensors. Selectable constant current power is provided for all IEPE style accelerometers and dual power supply connections allow for +24V and -24V to be used simultaneously to power different sensor types. Passive Buffered Outputs are then provided via BNC, for portable instruments, and terminal block for hardwired system. A total of 3 outputs are provided for each input signal.

****Two Isolated Power Sources Are Required for Both +24V and -24V Operation****

Electrical:

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|-------------------------|--|
| Number of Inputs: | Four (4) |
| Input Connection: | Screw Terminals, 14-22 AWG |
| Outputs Per Input: | 3 (2 Terminal Block Outputs and 1 BNC Output) |
| Power Input: | +24VDC and/or -24VDC |
| Power Connections: | Screw Terminals, 14-22 AWG |
| Sensor Power Options: | +24V, -24V and +24VDC IEPE (Jumper Selectable) |
| Constant Current Power: | 4.2mA (Jumper Selectable, On or Off) |
| Power Indication: | Green LED (+V Ready, -V Ready) |

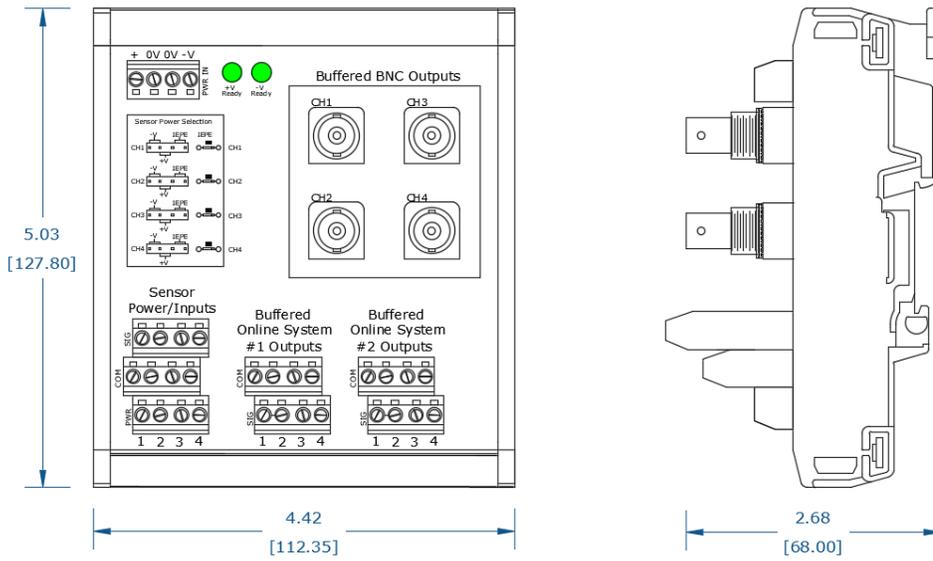
Environmental:

| | |
|------------------------|------------------------------|
| Operating Temperature: | -40 to +105°C (-40 to 221°F) |
| Housing Material: | Polyamide |
| Housing Color: | Black/Gray |
| Certifications: | RoHS and CE Compliant |

Mechanical:

| | |
|---------------------|---------------------------------|
| Dimensions (HxWxL): | 4.42"x2.13"x5.03"(112x54x128mm) |
| Weight: | 207g (7.3 Ounces) |
| Mounting: | Din Rail (TS32/TS35) |

Dimensions:



Ordering Information:

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