



The Load Manager Voltage Input Module provides 4 inputs to the PMC system corresponding to specific battery voltages. In order to provide an accurate indication of system voltage, the Voltage Input Module should be located physically close to the vehicle's battery. *Care should be taken to minimize any voltage drop that may occur between the battery and the module.*

Only 3 connections to the module are needed.

- A. Battery + (Wire should be connected to the + Battery post. **Do not use** the + 12 volts provided by the PMC CPU)
- B. PMC Communications Bus
- C. PMC Ground (Wire should be connected to the Battery - post. The CPU should be grounded to the Battery - post as well)

This module has been potted and provided with a Metripac water-tight connector to facilitate placement near the battery. This module has been addressed at the factory as module "P".

FOR 12 VOLT SYSTEMS

Channels P7, P8, P9, and P10 will be on as follows.

- P7 is ON when the battery voltage is >13.3 Volts
- P8 is ON when the battery voltage is >12.8 Volts
- P9 is ON when the battery voltage is >12.3 Volts
- P10 is ON when the battery voltage is >11.8 volts.

FOR 24 VOLT SYSTEMS

- P7 is ON when the battery voltage is > 26.6 Volts
- P8 is ON when the battery voltage is > 25.6 Volts
- P9 is ON when the battery voltage is > 24.6 Volts
- P10 is ON when the battery voltage is >23.6 volts.

The inputs from this module can be used in the PMC system with boolean logic statements to force selected loads off as the system voltage falls. You may also wish to turn an output on to indicate to the engine controller that high speed idle is needed.

Channels P1 through P6 are still available to be used as virtual channels, or a module such as a 6-position rocker switch adapter or a push button switch module could be addressed for module P.

CONNECTIONS FOR 18 AWG WIRE

Connector with 5.5 inch pigtail
 (Intellitec P/N 11-00393-000)

OR USE

- Delphi Packard Metripack
 12110293 Connector
- 12048074 Contact
- 12110213 Cable Seal
- 12052845 Lock

P/N 00-00809-120 12 Volt
P/N 00-00809-240 24 Volt