

# Vehicle Control Module (VCM) Input Technical Specifications

Products: VCM-01  
VCM-02  
VCM-03  
VCM-04  
VCM-05  
VCM-10

Input Terminal 87A contains a 10 K Ohm resistor pulled to ground.

Input Terminal 87 contains a 10 K Ohm resistor pulled to + 12 volts.

Both inputs 87A and 87 are monitored with a 10 bit converter that has an input impedance >10 Meg Ohm.

The measured voltage at inputs 87A and 87 are integrated for noise reduction and have trip points of 4 volts and 2 volts for a hysteresis of 2 volts.

For Input 87A a voltage of >4.0 volts is true and <2.0 volts is false.

For Input 87 a voltage of <2.0 volts is true and >4.0 volts is false.