



- Scissor Lift Auto-Leveling
- Bucket Truck Auto-Leveling

The **GP106** control module controls four outrigger extend valves to automatically level a vehicle. An integral tilt transducer is used to determine which outriggers need to be activated to achieve level; an output can optionally be configured to indicate vehicle tilt using this transducer. Programming and other set-up & configuration activities are carried out using the hand-held “EZcal” device.

General Features

- Provides fail-safe cutout signal when the four legs are not all down
- Provides fail-safe high side outputs for the extend and retract outrigger valves of all four legs
- Configurable lamp & alarm outputs
- Integral vehicle tilt transducer, indicates tilted vehicle with optional cutout
- RS232 connection to hand-held “EZcal” for calibration and diagnostics
- “FLASH” memory allows configuration to specific customer needs
- Failsafe functionality to comply with EN 954-3
 - Series-wired dual output switches from independent microprocessors
 - Detects short-circuit output switches

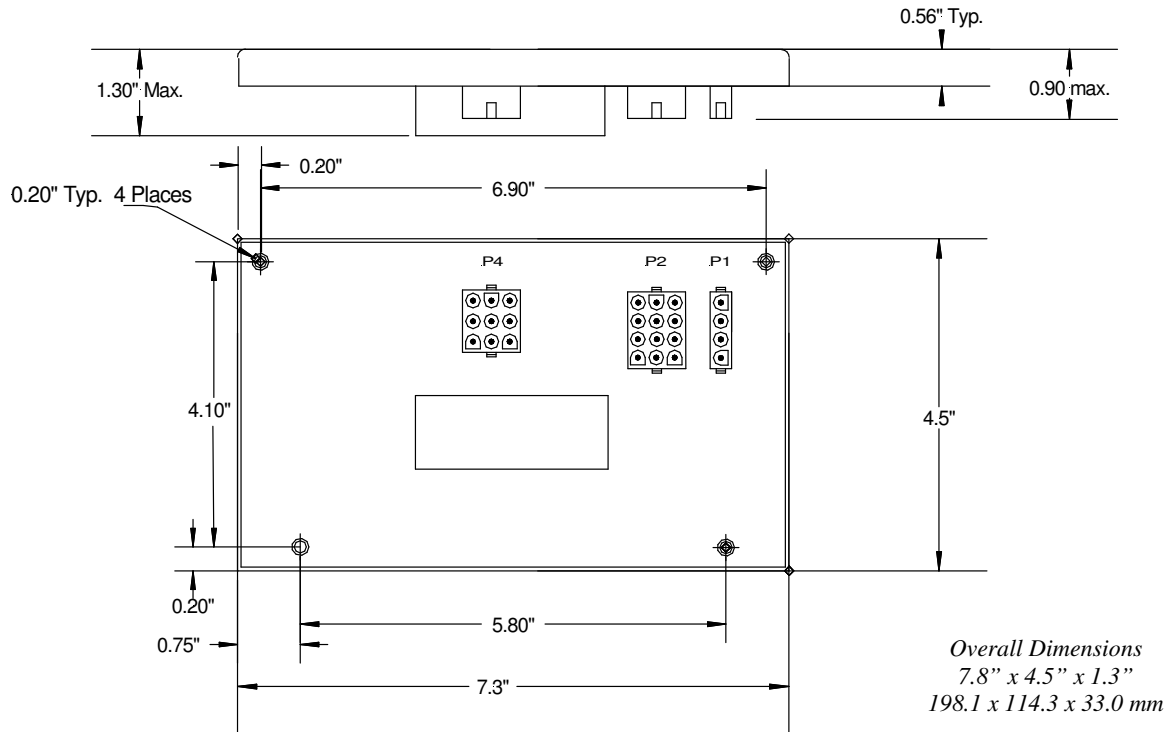


Technical Data

Power Supply	12/24V		8.5 to 32 VDC
8-12* “failsafe” “High Side” output	2.5A	protected	two series-wired separately controlled drivers
Integral tilt sensor	6 - 10	$\sqrt{(x^2+y^2)}$	
Digital Inputs	0 to 10°	1.25K Ω imp.	legs down, auto level, auto retract
Water Proof	IP 67		
Working Temperature	-40 to + 60°C		
Overall Dimensions	7.8” x 4.5” x 1.3”		L x W x H
	198.1 x 114.3 x 33.0 mm		



Dimensions



Mounting Instructions

- The module should be installed vertically as shown below:

