



# GP106

## Outrigger Auto-Level System

### Product Highlights

- 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.



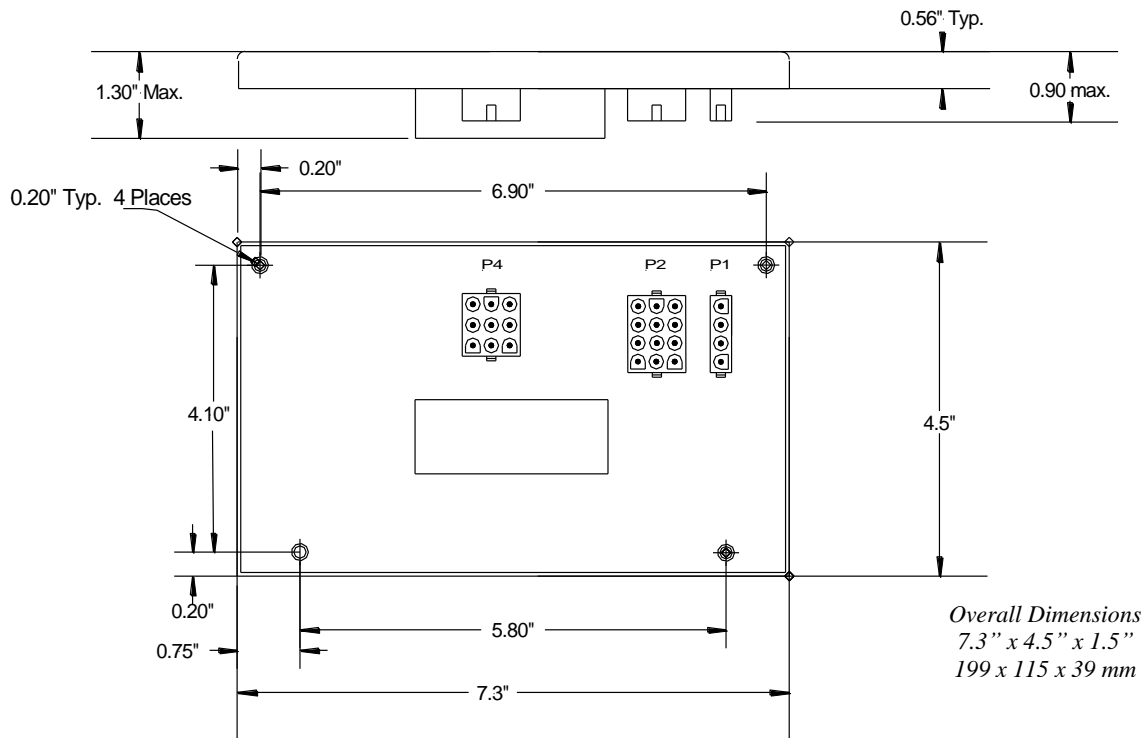
### General Features

- Provides protected high side outputs
- Provides PWM outputs
- Provides fail-safe high side 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

<b>Power Supply</b>	12/24V		8.5 to 32 VDC
<b>8-12* “Failsafe” “High Side” Output</b>	2.5A	protected	two series-wired separately controlled drivers
<b>Integral Tilt Sensor</b>	+/- 0 to 10°	$\sqrt{(x^2+y^2)}$	+/- 0.1° resolution
<b>Digital Inputs</b>	6 to 10	1.25K $\Omega$ imp.	legs down, auto level, auto retract
<b>Water Proof</b>	IP 67		
<b>Working Temperature</b>	-40 to + 60°C		
<b>Overall Dimensions</b>	7.3" x 4.5" x 1.5" 185 x 115 x 39 mm		L x W x H

### Dimensions



### Mounting Instructions

- The module should be installed vertically as shown below:

