



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



TRIONIC
vehicle controls

- 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

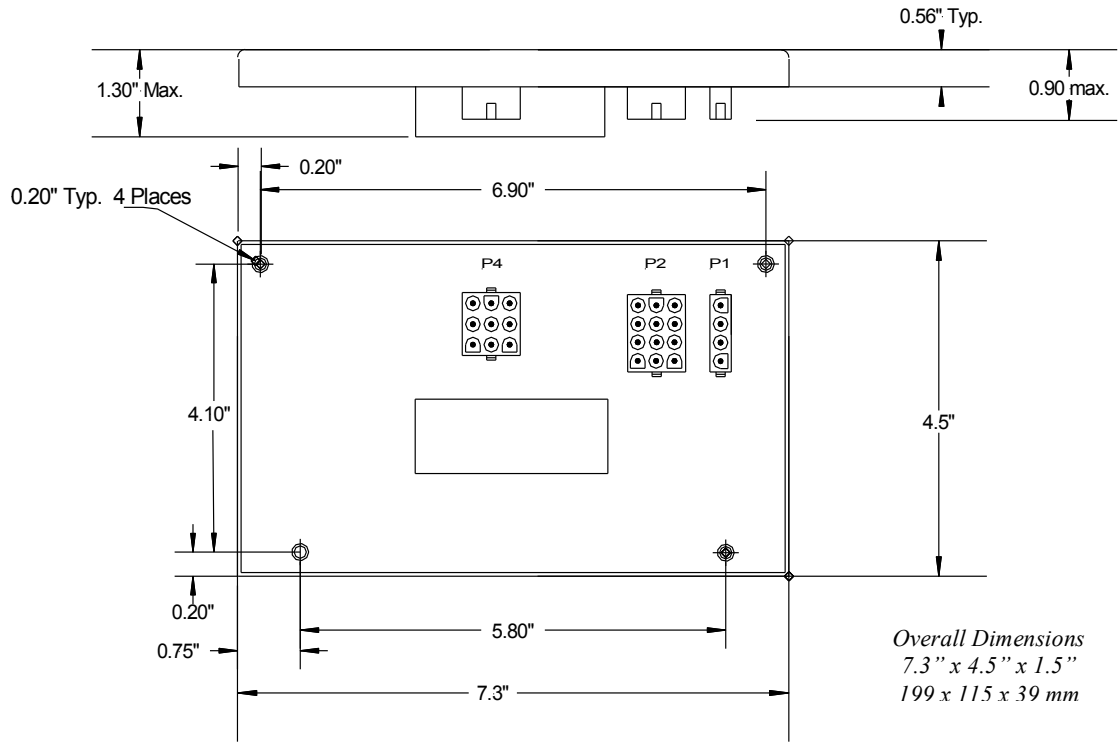
Power Supply	12/24V		8.5 to 32 VDC
8-12* “Failsafe” “High Side” Output	2.5A	protected	two series-wired separately controlled drivers
Integral Tilt Sensor	+/- 0 to 10°	$\sqrt{(x+y)}$	+/- 0.1° resolution
Digital Inputs	6 to 10	1.25K Ω imp.	legs down, auto level, auto retract
Water Proof	IP 67		
Working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



GP106

Outrigger Auto-Level System

Dimensions



Mounting Instructions

- The module should be installed vertically as shown below
- Recommended fastening torque: 8lbs/inch

