



EV & Forklift Parts

## Hall-Effect 0-5V Throttle Model: IPPD

Input voltage: 12V - 36V - 48V - 60V - 72V

Operating current: 5mA

Independent linearity: < 1.5%

Switching signal load: <100 mA (Ohmic)

Operating temperature: -30°C to 85°C

Operating Humidity: < 95%

Storage temperature: -40°C to 85°C

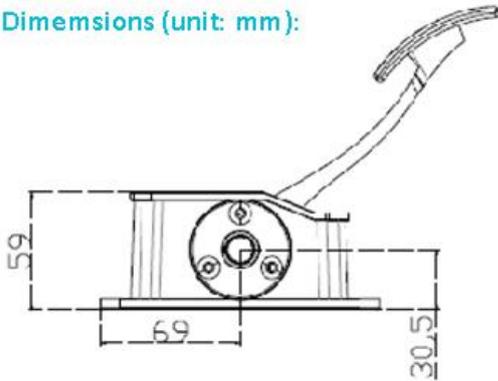
Subject to over 1,000,000 cycles between idle and full throttle



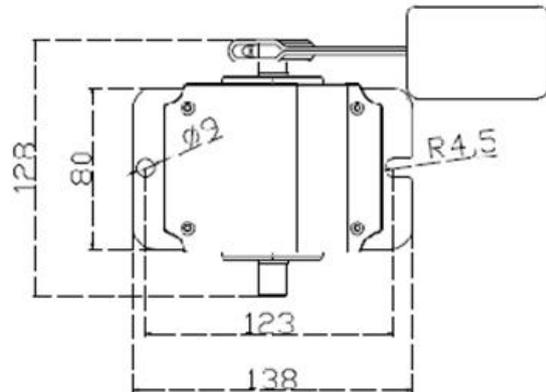
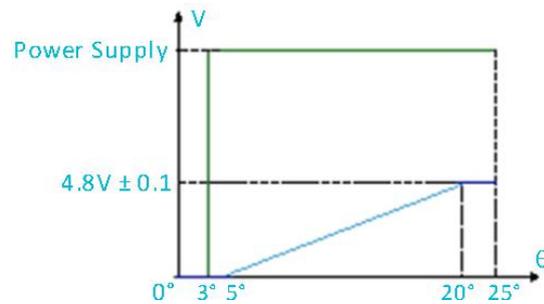
Installation Kit:



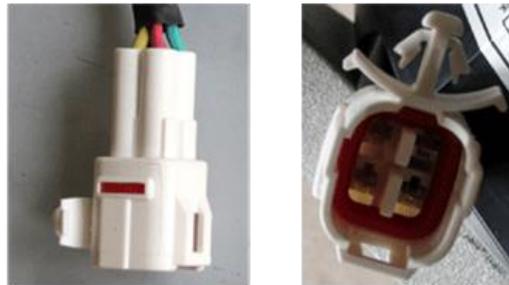
Dimensions (unit: mm):



Throttle is proportional to pedal position:



Waterproof Connector:

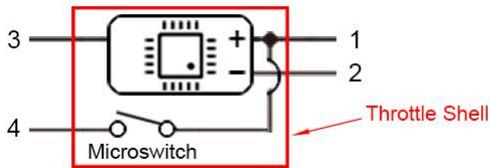


**NOCO SHOP**

Website: <https://www.nocoev.com/> - Email: [info@nocoev.com](mailto:info@nocoev.com)

**Wiring Instruction:**

Terminal Number	Wiring Function	Wire Color
1	Battery “+” (Electric Source Positive Terminal)	Red
2	Battery “-” (Electric Source Negative Terminal)	Black
3	0-5V Throttle Signal	Green
4	Switch Out	Yellow



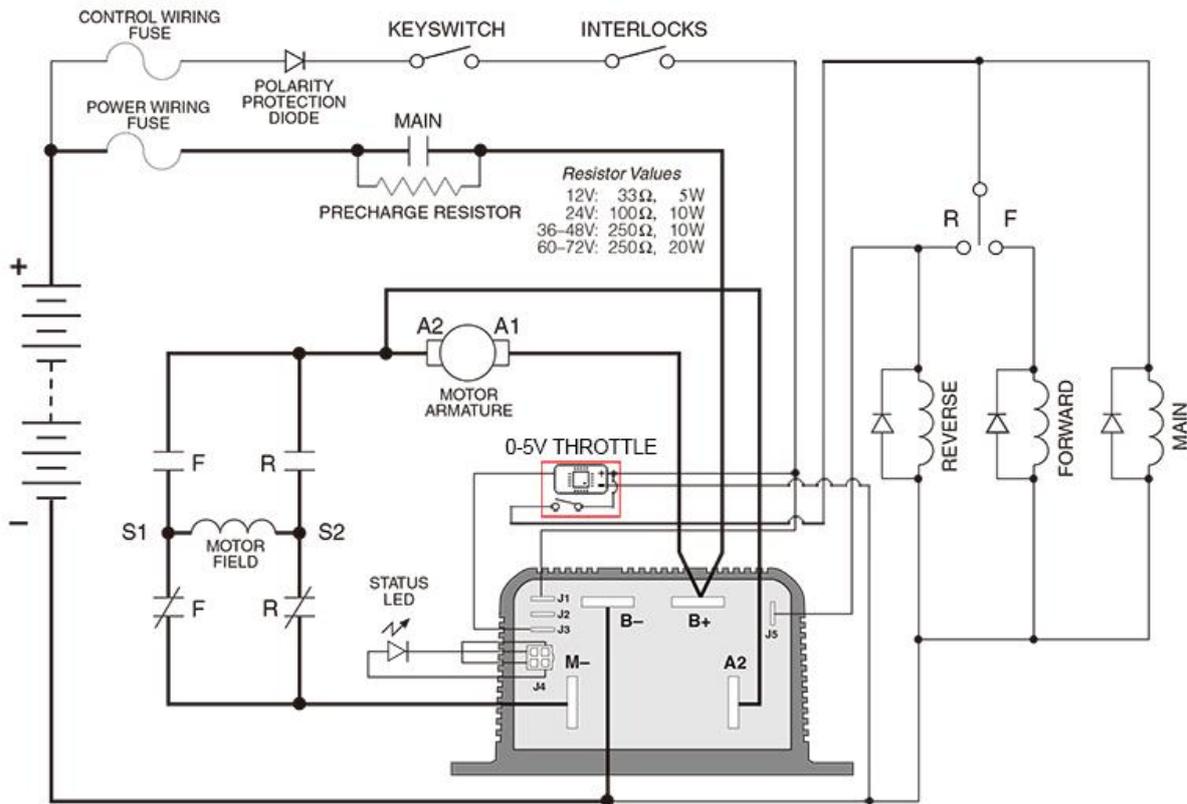
The built-in microswitch is a “limit type” switch which is an electro-mechanical device, detects the position of the rotating shaft of throttle:

- 1) Idle status: switch off (normally open)
- 2) Pedal stepped-down: switch on

The microswitch is useful for redundant safety:

- 1) High pedal lockout to prevent unintentional acceleration
- 2) Switching controller key switch
- 3) Engaging the main contactor

**Typical application (CURTIS 1204M / 1205M / 1209M / 1221M controllers):**



There are other wiring methods for connecting the IPPD throttle to a motor controller or 0-5V signal receiver (for example, an electric proportional valve). In same applications, the “Switch Out” (yellow wire, which is used as a security measure) may be left to be unconnected.