



## CONSTANT IMPROVEMENT OF TECHNOLOGIES SUPPORTS ADDITIONAL FEATURES

Electronic hand throttles have largely replaced mechanical modules with Bowden cables. Controlling the powertrain with an electronic solution is much more precise, and therefore invaluable in meeting proposed exhaust emission standards, as well as providing additional features such as signals for regenerative braking in E-bikes.

## PRODUCT PORTFOLIO

With cable



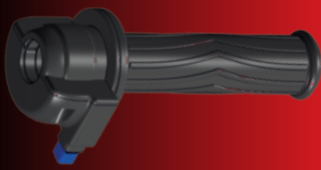
- 2 independent output signals
- HALL sensor technology
- Signals programmable
- 5V supply voltage

Without cable



- 2 independent output signals
- HALL sensor technology
- Signals programmable
- 5V supply voltage

Inductive EHT



- No rare earth material solution
- Inductive sensor technology
- 2 independent output signals
- Signals programmable



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ELECTRONIC HAND THROTTLE  
for 2 or 3 Wheeler



## PRECISION AT THE RIDER'S COMMAND

The electronic hand throttle is a critical interface between rider and vehicle. Its performance directly impacts responsiveness, control, and overall driving experience.

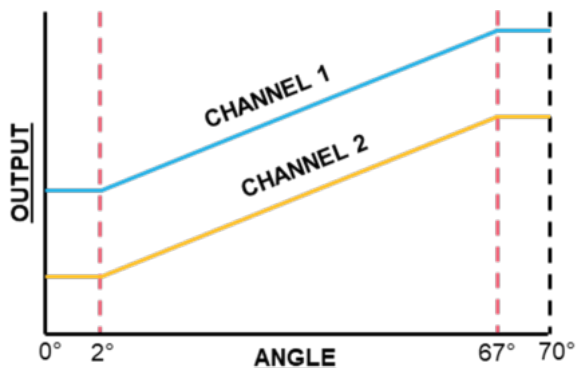
An integrated sensor continuously monitors the throttle grip position and transmits precise signals to the control unit in real time. The control unit translates this input into accurate actuation of the throttle valve, ensuring smooth and reliable engine response. This coordinated control chain forms a key element of modern engine management.



## TYPICAL APPLICATIONS

Equipped with robust design, these HALL sensor EHT delivers reliable performance across a wide range of applications. Due to the available cable exit, the connector can be changed according to customer needs.

- HALL sensor technology
- 2 independent output signals
- 5V power supply
- Stroke -5° to +70°   ▪ -5° to +65°  
          -10° to +65°   ▪ -15° to +55°



Example for output signal programming

## HIGHLIGHT: BEST COST ELECTRONIC HAND THROTTLE

- Small size
- HALL sensor technology
- 2 independent output signals
- Signals programmable



## COMPANIES OF THE SENSING AND CONTROL DIVISION

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