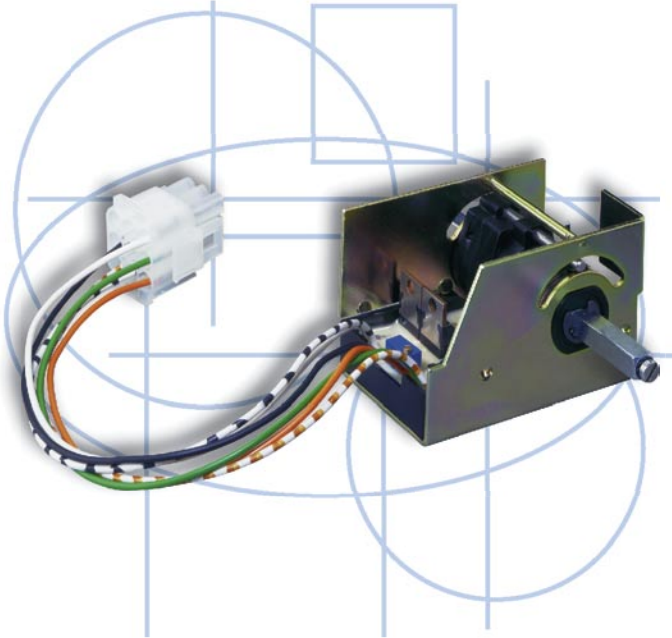


MODELS ET-103/103M & ET-108/108M



DESCRIPTION

The Curtis electronic throttle provides an analog 0-5V output proportional to throttle position for interfacing with motor speed controllers.

APPLICATION

These throttles are ideal for use in material handling, golf cars, on-road and other electric vehicle applications which require a 0-5V input for speed control.

FEATURES

- Hall effect sensors and solid state MOSFET contactor drivers minimize moving parts, thereby increasing reliability and Mean Time Between Failure.
- Symmetrical throttle response in both forward and reverse directions ensures smooth, concise acceleration and deceleration in both directions.
- Minimal deadband areas at both zero and full throttle positions eliminates hesitation when beginning to accelerate or decelerate.
- Environmental protection of major components through an epoxy layer over the circuit board assures operation in harsh environmental conditions.
- Wig-wag type throttle returns the throttle to neutral for convenience and safety.
- Input polarity protection to ensure no damage occurs to the throttle if it is incorrectly wired.
- Easy to install.

SPECIFICATIONS

Operating voltage: 13 – 58VDC

Throttle output range: 0 to 5 Volts

Maximum throttle output: 5.3 Volts

Minimum throttle output: 0 Volts

Maximum deadband at zero throttle: 10 degrees

Maximum deadband at full throttle: 10 degrees

Forward/Reverse current: 1.5 amp max

Symmetrical throttle response in both directions

SYSTEM VOLTAGES

The Model ET-103 and ET-103M have an operating voltage range of 13 to 46 Volts DC.

The Model ET-108 and ET-108M have an operating voltage range of 26 to 58 Volts DC.

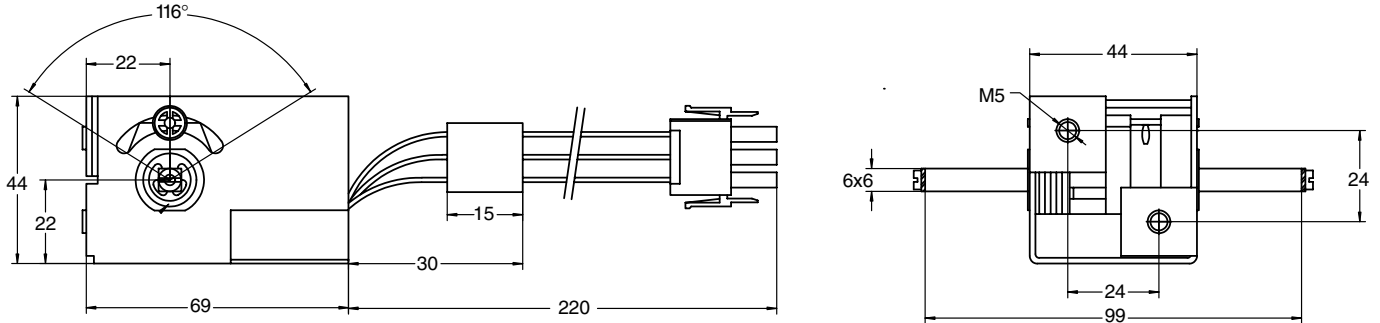
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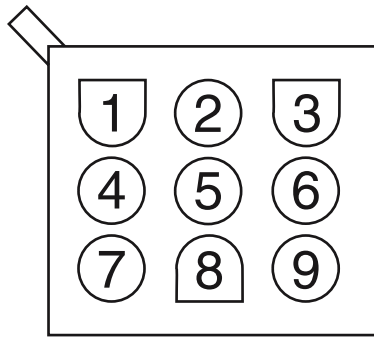
MODELS ET-103/103M & ET-108/108M

DIMENSIONS mm



INSTALLATION Mounting: Two M5 screws

WIRING



1	Pot Lo
2	Battery + after KSI
3	Reverse
4	Forward
5	No connect
6	No connect
7	Battery -
8	0-5V output
9	No connect

AMP Mate-N-Lock Connector
 Female p/n: AMP 350720-1
 With pins: 350561-1

WARRANTY Two year limited warranty from time of delivery.