

Hand-operated accelerators for mounting in cab.

Either self and no-self actuating return mechanism.

Lever position feedback is provided by a contactless sensor connected to either an analog or PWM signal circuit, depending on the variant.

The no-load state can be detected either by an optocoupler or mechanically via a microswitch, according to the application.



※ The lever can be adapted to meet specific customer requirement.

SPECIFICATIONS

PRODUCT LIFE	FULL TRAVEL CYCLES	3 MILLION
ELECTRONICS	SEAL INTEGRITY EMI	IP67 SAE J1843 Compliant
ELECTRICAL	OPERATING VOLTAGE OUTPUT SIGNAL	5, 12, 24, 48 72Vdc as requested Single, Dual output, PWM, CAN Bus as per SAE J-1939
PEDAL ANGLE	DEGREES OPERATING TORQUE	45°
MECHANICAL	OPERATING FORCE VIBRATION	Initial Load : 0.2Kgf (MIN), Full Throttle : 0.4kgf (MAX) 8 Hour, 3-Axis, Random Broadband up to 9G
ENVIRONMENTAL	OPERATING TEMP RANGE STORAGE TEMP RANGE HUMIDITY SAND/DUST	-40°C to 85°C -40°C to 85°C After Exposed to -32°C ~ 70°C (96%) Tested to SAE-J 1455
MATERIALS	MAIN BODY LEVER	PA66+GF30% SUS304

Part No.

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REV

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DESCRIPTION

Issued

DATE

31.Mar.20

DR

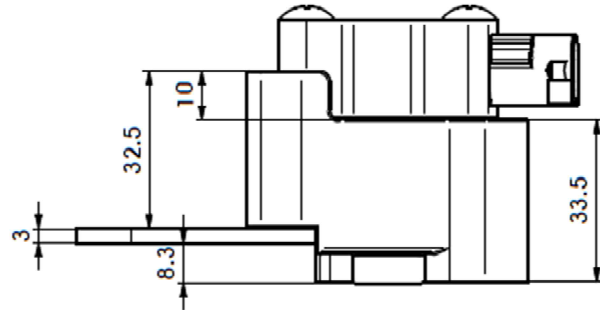
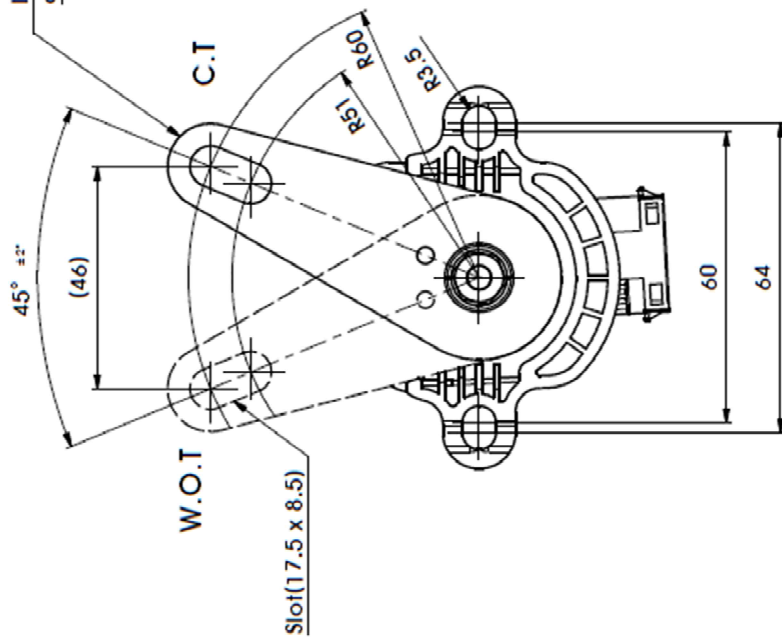
M.J.Kim

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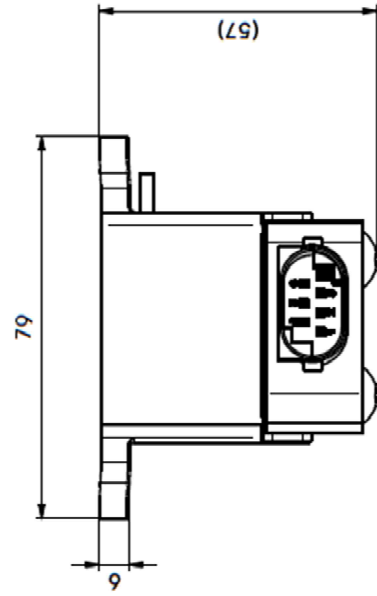
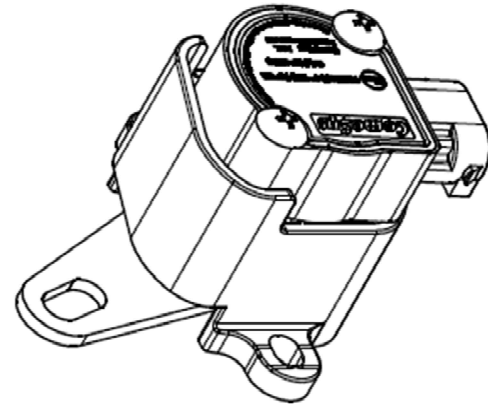
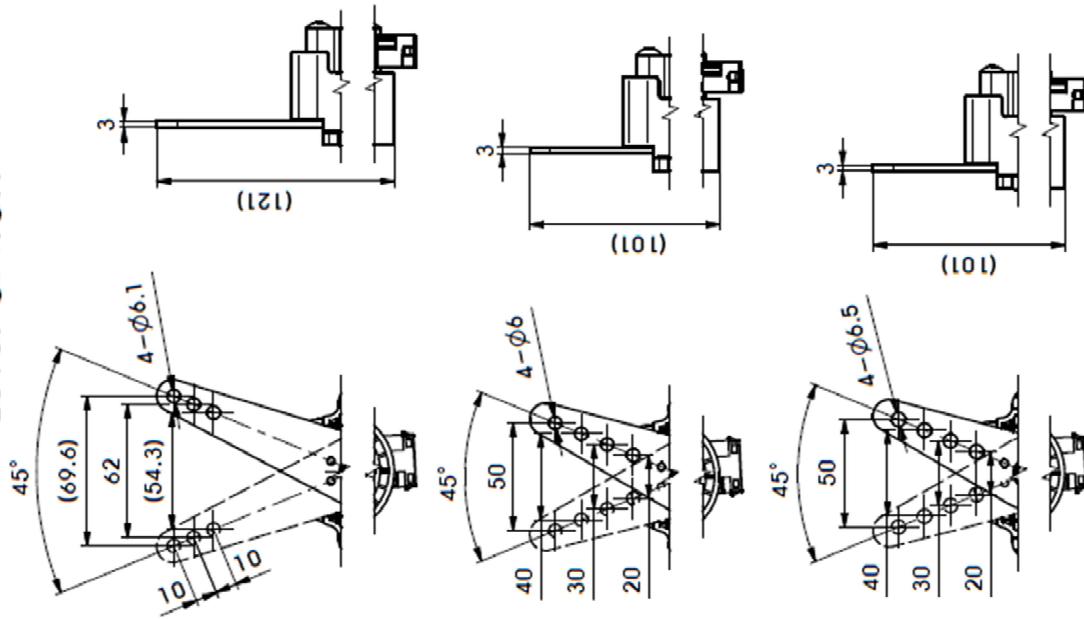
J.I.Kim

AP

J.H.Lee

Initial State can be changed
according to Customer request

Lever OPTION



ComeSys Control & Measurement Systems Limited

Hand Throttle Accelerator Assy (MTH1)

Application: Motor

Model No.

Weight

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