

Hand-operated accelerators for mounting in cab.

It is a mechanism that automatically returns to the center using torsion spring.

The H10 unit incorporates robust design with exceptional life and now offers the buzzer switch features during vehicle go reverse.

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.



## SPECIFICATIONS

<b>PRODUCT LIFE</b>	FULL TRAVEL CYCLES	10 MILLION
<b>ELECTRONICS</b>	SEAL INTEGRITY	IP67
	EMI	SAE J1843 Compliant
<b>ELECTRICAL</b>	OPERATING VOLTAGE	5, 12, 24, 48 72Vdc as requested
	OUTPUT SIGNAL	Single, Dual output, PWM, CAN Bus as per SAE J-1939
<b>PEDAL ANGLE</b>	DEGREES OPERATING TORQUE	30° Angular Rotation
<b>MECHANICAL</b>	OPERATING FORCE	Initial Load : 2.0N (MIN), Full Throttle : 3.3N (MAX)
	VIBRATION	8 Hour, 3-Axis, Random Broadband up to 9G
	TORSION SPRING	SWPB+PFZn05-B
<b>ENVIRONMENTAL</b>	OPERATING TEMP RANGE	-40°C to 85°C
	STORAGE TEMP RANGE	-40°C to 85°C
	HUMIDITY	After Exposed to -32°C ~ 70°C (96%)
	SAND/DUST	Tested to SAE-J 1455
<b>MATERIALS</b>	MAIN BODY	Aluminum Diecasting (ADC12)
	LEVER	SUS303F
	KNOB	