



MTS6

MTS6 Series

Accelerator pedal for electronic throttle control systems



FEATURES/BENEFITS

- ◆ **Output** : Single, Dual output, PWM, CAN Bus as per SAE J-1939
- ◆ **Switch** : Double, Electronic or mechanical
- ◆ **Hysteresis** : Dual load/return force generation in compliance with FMVSS 124 Robust pedal design
- ◆ **Connector** : AMP J-Series
- ◆ **Option** : Delphi, Deutsch, Packard weather seal or as requested.

TYPICAL SPECIFICATIONS

PRODUCT LIFE	FULL TRAVEL CYCLES	3 M
ELECTRONICS	Seal Integrity ESD EMS	IP67 Tested in accordance with IEC 61000-4-2 As per ISO 11452-2 (2004E)
ELECTRICAL	Input Voltage Signal and Switches	5 / 12 / 24 / 48 / 72 Vdc as requested Signal type and switch position to be in accordance with customer specification.
MECHANICAL	Pedal Travel Pedal Force End-Break	21 +/- 2deg Initial Load 9.5N min, Kickdown load 90N max. Adjustable as per customer specification. 70kgf +/- 5kgf
ENVIRONMENT	Operation Temp. Storage Temp. Vibration Shock Salt fog Impact	-40 ~ +85°C -40 ~ +105°C Subject to broadband random vibration between 20 and 2000Hz for 20 hrs in all 3 axis. After exposed to Acceleration 20G for 11ms After exposed to Salt Fog 96 Hours (JIS Z2371) Free drop onto a smooth concrete floor from a height of one meter, a total of 6 times.

