

Product Specification for model TT Transducer Tester Rev. B



The Rapid Controls model TT Rev B transducer tester connects to multiple types of transducers and displays position and status information from the transducer. It is capable of testing SSI, PWM, Start/Stop, Neuter, Analog Output, CAN Open, MTS CAN bus and ProfiBus DP transducers. Transducer selection is accomplished via the front-panel keypad. The display is portable, housed in a plastic desktop enclosure, and optionally battery powered.

Features

- Measures Start/Stop, Start/Stop Trailing Edge, PWM, Neuter, SSI, Analog, CAN Open, MTS Single and MultiMagnet CANbus and Profibus DP transducers
- Can be used to change Sensor CanBus Node ID and other parameters
- Battery powered for easy testing at any location
- 2 line x 20 character backlit LCD display for magnetostrictive transducers
- Capable of calibrating MTS SSI transducers at 1200 or 4800bps
- Programmable analog output for data logging
- Six button front panel keypad to accommodate front panel setup
- Removable 5mm Phoenix type screw terminals for connections
- 2+ hour battery life while powering a transducer
- Setup stored in non-volatile EEPROM memory

Specifications

- SSI, Start/Stop, and PWM outputs are RS422 differential
- SSI, Start/Stop, and PWM inputs drive an optoisolator
- Start/Stop single-ended (neuter) level must be at least 1.2V
- Analog output is scalable to any position range
- Switched 24V sensor power is current limited to 200mA
- Optional +/-15V sensor power
- Minimum of 2 hour battery life (while powering one transducer)
- Housed in plastic enclosure: 8 in wide, 3.6 in high, 6 in deep

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