

SPD-2000 SERIES

SYSTEM PROTECTION DEVICE



ADAPTABLE PROTECTION FOR AUXILIARY TRUCK EQUIPMENT

Muncie Power Products offers an innovative safety device for hydraulically powered truck equipment. The SPD-2000 Series can protect auxiliary systems based upon the state of interlocks, truck speed, brake activation, engine RPM, outrigger position, and more. It is programmed and can be mounted inside or outside the vehicle cab. This sealed overspeed protection device is available for a wide range of applications.

The SPD-2000 is available in four configurations, compatible with 12 V or 24 V systems, and capable of sourcing up to 5 amps of continuous duty.

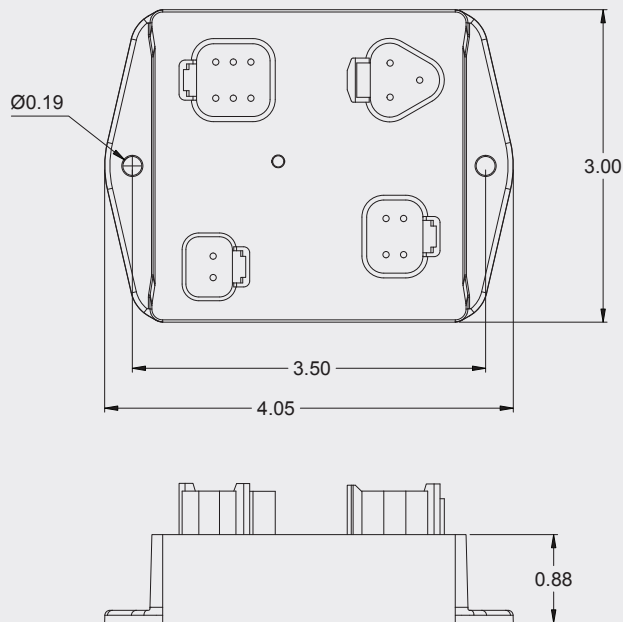


KEY FEATURES

- Senses input from the trucks speedometer or RPM signal and automatically disengages a clutch pump or PTO coil if the threshold is exceeded.
- Sealed components are resistant to tampering and can be mounted in the cab or engine compartments.
- Easily add safety interlocks in order to interrupt the power operation during an overspeed condition or if a limit switch is activated. *Switches are not included with the unit.*
- Clutch pack PTO application compatibilities.
- Plug and play option available for trucks equipped with OBD II port, enabling module to directly sense MPH or RPM from the chassis.
- Solid state design incorporates ease of programming and does not require any special tools.
- Module is compatible with 12 V or 24 V systems.
- Retrofit kit available to replace SPD-1001D module to SPD-2000 module.
- High Amperage adapter relay harness available for clutch pump applications.

DIMENSIONS

Compact Size: 4" x 3" x .88"



PART NUMBER CONFIGURATIONS:

* **FORD Model Year 2020+ — See SPD-2004A**

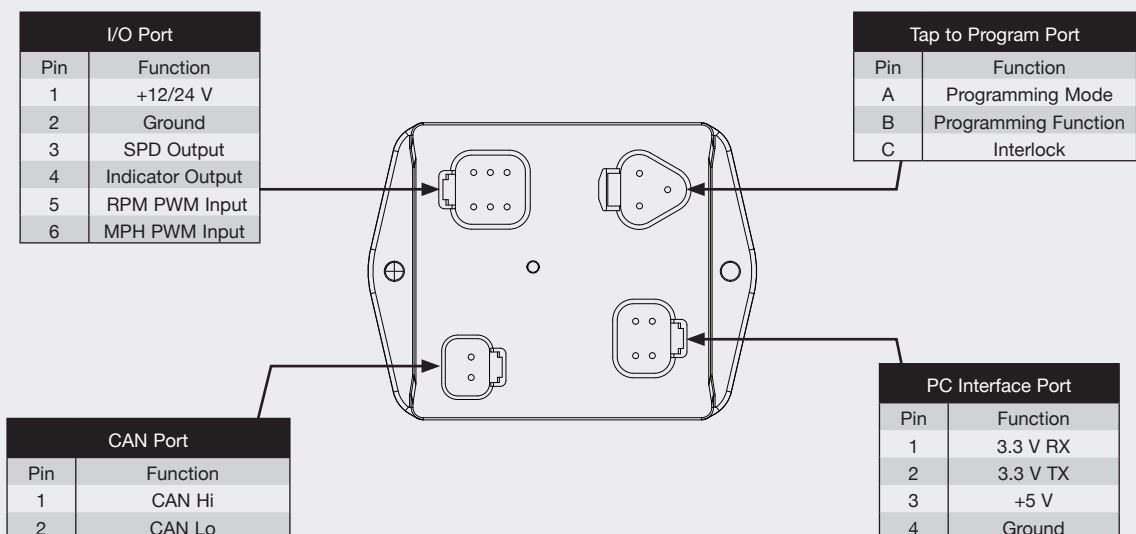
- SPD-2001A — Standard kit
Includes module, I/O harness, and tap to program harness
- SPD-2002A — Interface module direct to chassis OBD II (speed calibration not required)
Includes module, I/O harness, tap to program harness, OBD II speed harness, and PC Programming cable
- SPD-2003A — Retrofit SPD-1001D to SPD-2000 with adapter
Includes module, I/O harness, tap to program harness, and adapter harness
- SPD-2004A — FORD Model Year 2020+ ONLY — Standard kit with resistor harness (Ford Only year 2020+) includes module, I/O harness, and tap to program harness

** **NOTE:** 20 Amp option available with PIN 34T41001 + 34T44006 (Clutch pump applications)

SPECIFICATIONS:

- Max Output: PTO or Clutch Coil — 5 Amps
- Max Output: Indicator Light — 1 Amp
- Operating Temperature Range: -40° C to 85° C (-40° F to 185° F)
- Operating Voltage Range: 7 V to 30 V
- Accept RPM or MPH sinusoidal or square wave (1 Hz to 10 KHz)
- Overcurrent protection

PINOUTS



A Member of the Interpump Group

MP22-01 (Rev. 01-24)

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