

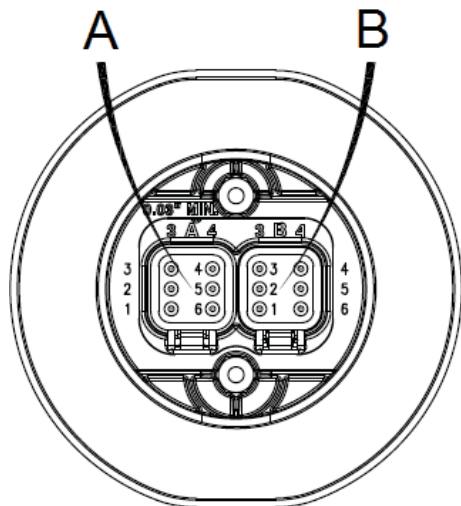
Thompson Pump is proud to offer the MVP series advanced engine control panel. With high standards for technology, reputation, and durability, the MVP series can provide advanced pump control combined with simple and intuitive operation.



Consult factory for other versions & options

PART #	DESCRIPTION
MVP-302	<ul style="list-style-type: none"> • Operating Voltage 5.5 VDC to 36 VDC • Current Consumption AT 12.6V equals 17mA • Operating temperature -40°C to 80°C • Storage temperature -40°C to 80°C • Reverse polarity protection • Transient voltage suppression • Load dump protection • OLED Display • Standard or Metric Display • Polycarbonate enclosure • Approx. Dimensions 10 L x 8.5 H x 5 W
	<p>COMMUNICATIONS</p> <ul style="list-style-type: none"> • CAN bus J1939 • MOD bus RS485 <p>INPUTS</p> <ul style="list-style-type: none"> • Analog fuel level (S/W or VDO) • Digital flex input switch to ground, V+ Pull Up <p>THROTTLE CONTROL</p> <ul style="list-style-type: none"> • Throttle Control J1939 TSC1 <p>UP and DOWN buttons for throttle control. Select minimum speed, maximum speed and ramp rate.</p>

Sensor Inputs



INPUTS/OUTPUTS

A fuel level input is available that displays fuel level %

CONNECTOR A

FUNCTION	PIN
BATTERY +	1
CAN H	2
CAN L	3
DIGITAL INPUT 1	4
FUEL LEVEL	5
GROUND	6

CONNECTOR B

FUNCTION	PIN
BATTERY +	1
DIGITAL 1	2
RS-485 +	3
RS-485 -	4
DIGITAL 2	5
GROUND	6

Panel Overview

FAULT CODE READER

Fault codes are provided on the display along with easy-to-read messages, the occurrence count and associated lamps for pre alarm and alarm conditions

EMISSION INFORMATION

Emissions information for iT4 engines is provided with simple display messages and associated lamp indications.

EASY-TO-READ DISPLAY

- Engine Temperature
- Engine RPM
- Oil Pressure
- DEF%
- Fuel Usage (GPH) or Fuel %
- Engine Hours/Battery Voltage



THROTTLE CONTROL

The up and down buttons provide throttle control over the J1939 CAN bus. The minimum engine speed, maximum engine speed and rate of acceleration are selectable. An optional hare/turtle throttle switch is also available.

ENCLOSURE

The enclosure is water tight, constructed of durable polycarbonate. Large, tactile dome buttons insure positive feedback for operators with gloves. Water Deutsch DT series connectors provide simple plug-in installation.