

## ENGINE CONTROL PANEL

MODEL : RDMPV101-C  
#202020



	DESCRIPTION	PART NO	QTY
01	PV101	RDM78700439	01
02	START / STOP SWITCH	RMSW-3A	01
03	SPEED CONTROL TOGGLE	RM.TOGGL	01
04	ON/OFF KEY SWITCH	RMSW-3A	01
05	CIRCUIT BREAKER	RDMXDL-XB1-2A	01
06	EMERGENCY STOP SWITCH	RDMXB5AS8445	01
07	4 PINS CONNECTOR	RDMYM20CO4SX	01
08	5 PINS CONNECTOR	RDMYM20CO5SX	01
08	7 PINS CONNECTOR	RDMYM20CO7SX	01
08	IP 66 PANEL BOX (239x202x85)	RDMGW76265	01
09	RUBBER MOUNT	RDMRM8MM	04



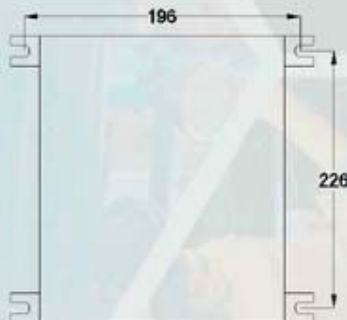
## OPTIONAL ITEM



HARNESS



SENSOR



MPU



FUEL

# PV101

## Specifications

- **Operating Voltage:** 8 - 32 VDC
- **Reversed Polarity:** Withstands reversed battery terminal polarity indefinitely within operating temperatures
- **Environmental:**
  - Operating Temperature: -40° to 185° F (-40° to 85° C)
  - Display Viewing Temperature: -20° to 185° F (-29° to 85° C)
  - Storage Temperature: -40° to 185° F (-40° to 85° C)
  - Environmental Sealing: IP68, ± 5 PSI (± 34 kPa)
- **Power Supply Operating Current:**
  - (@ 14 VDC) 52 mA min., 300 mA max
  - (@ 32 VDC) 1A max (with LCD heater)
- **CAN Bus:** SAE J1939 compliant
- **Case:** Polycarbonate/polyester
- **Auxiliary RS485 Communications Port:**
  - User configurable as Modbus Master or Modbus RTU Slave
  - Master Active (default) drives optional PVA or PVM gages
  - Slave Active offers user adjustable communication parameters
- **Resistive Input:** User selectable as one of the following
- **Backlighting Potentiometer:** 1 K Ohm, 1/4 W
- **Murphy Fuel Sender:** 33 Ohm full, 240 Ohm empty set standard from factory for use with Murphy Fuel sender. Programmable for use with non-Murphy fuel senders.
- **Connectors:** 6-pin Deutsch DT Series



## RDMPV101-C Panel Wiring

