



# RAJKOT DIESEL MACHINES

## ENGINE CONTROL PANEL

MODEL : RDMPV380-C  
#202022



	DESCRIPTION	PART NO	QTY
01	PV380	RDM78700609	01
02	START / STOP SWITCH	RMSW-3A	01
03	ON/OFF KEY SWITCH	RMSW-3A	01
04	CIRCUIT BREAKER	RDMXDL-XB1-2A	01
05	EMERGENCY STOP SWITCH	RDMXB5AS8445	01
06	4 PINS CONNECTOR	RDMYM20CO4SX	01
07	5 PINS CONNECTOR	RDMYM20CO5SX	01
08	7 PINS CONNECTOR	RDMYM20CO7SX	01
08	IP 66 PANEL BOX (239x202x85)	RDMGW76265	01
08	RUBBER MOUNT	RDMRM8MM	04



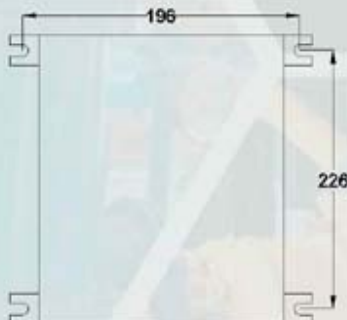
## OPTIONAL ITEM



HARNESS



SENSOR



MPU



FUEL

# PV380

## Specifications

- **Operating voltage:** 6-36 VDC
- **Vibration and shock:** 7.86 random vibrate (5-2000 Hz) and  $\pm 50$  g shock in three axes
- **Reversed polarity:** Withstand reversed battery terminal polarity
- **Operating temperature:** -40° F to 185° F (-40° C to 85° C)
- **Storage temperature:** -40° F to 185° F (-40° C to 85° C)
- **Communications:** (2) CAN 2.0B; second CAN port is NMEA 2000 isolated; J1939 and NMEA 2000 protocol; proprietary messaging
- **EMC/EMI:** 2004/108/EC and 2006/95/EC directives
  - EN61000-6-4:2001 (emission)
  - EN61000-6-2:2001 (immunity)
  - EN-50121-3-2 and EN 12895
- **Connectors:** Deutsch DT series 6 pin; M12 for NMEA 2000 (micro-C)
- **Inputs:** (1) resistive analog
- **Outputs:** (1) 500 mA; switched low-side SAE J1113/2, 4, 11, 12, 21, 24, 26 and 41 display
- **E-Mark:** ECE-R10.05
- **Display:** 3.8" (97 mm) QVGA (320 x 240 pixels); monochrome transfective LCD with white LED backlight and heater
- **Viewing angle:**  $\pm 50^\circ$  horizontally;  $+45^\circ/-60^\circ$  vertically
- **Keys:** 5 tactile push buttons
- **Alarms:** Red and amber warning LEDs; capable of set points-triggered output for external piezo buzzer or shutdown relay
- **Real-time clock:** With Li-ion rechargeable battery backup



## RDMPV380-C Panel Wiring

