



Type 8180-1500

The 8180-1500 Series Multifunction Display has a dimmable multi-function screen that provides display of control and machinery status in imperial or metric units.

Screens can be configured to display the most basic system information or more comprehensive data.

FEATURES

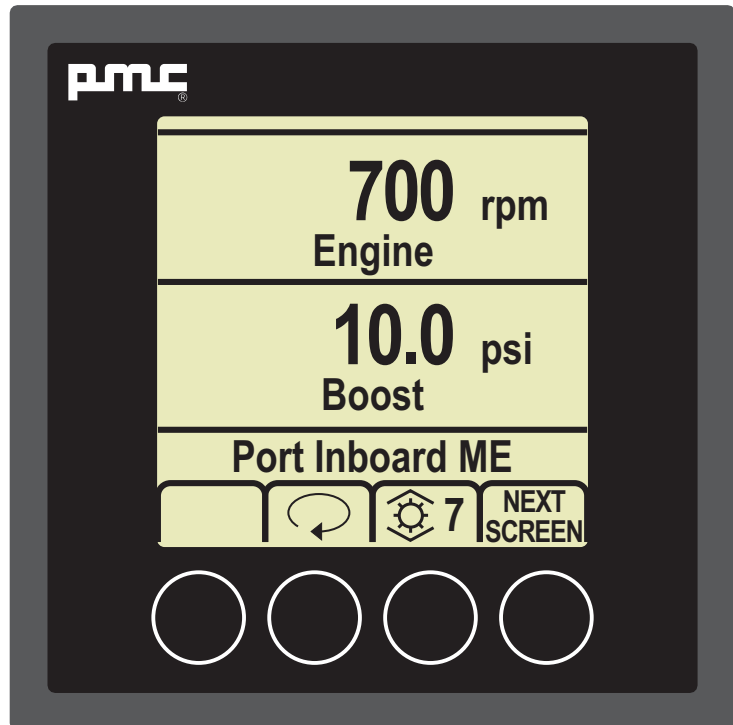
- Integrate PMC products on a common protocol on a common networking system
- Reduced system installation cost from wiring
- Backlit, dimmable, 160 x 160 pixel graphical LCD
- Isolated communication ports
- Four programmable input/outputs for external logic or interlocks
- Four membrane buttons with intuitive software menu in plain English

APPLICATIONS

- Generic meter
- Serial driven repeater
- Alarm repeater
- NMEA repeater
- J1939 gateway with alarm and monitoring

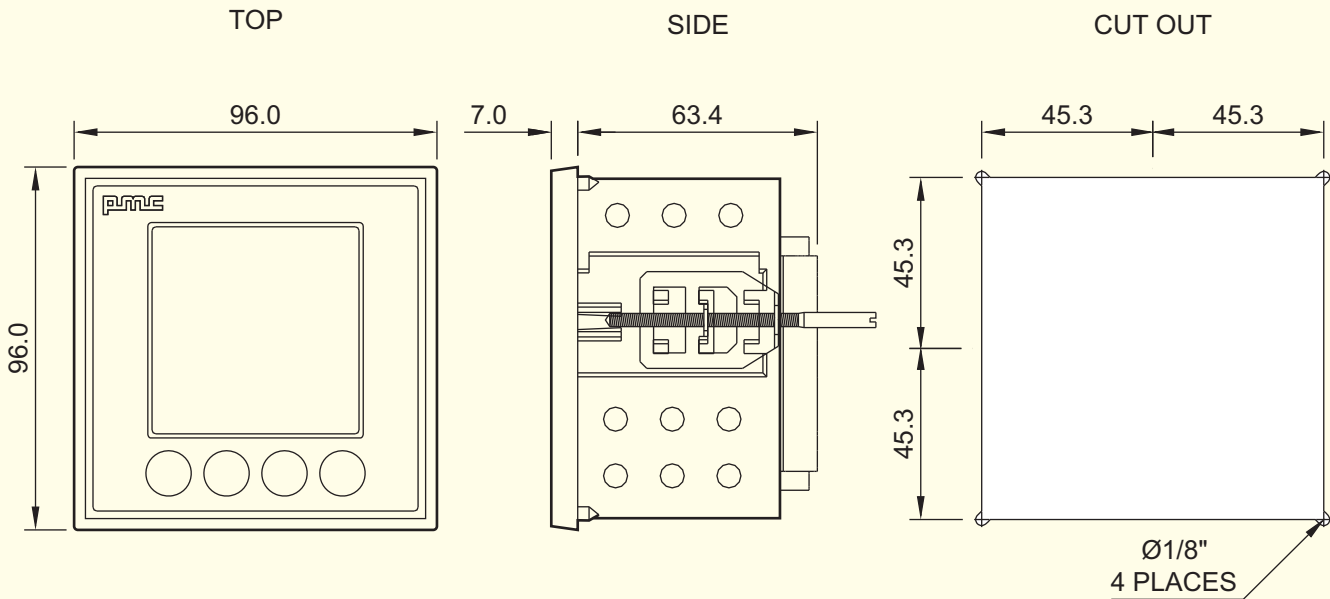
MULTIFUNCTION GRAPHIC DISPLAY

96 mm DIN
ISOLATED ENGINE COMMUNICATION



PRIME MOVER CONTROLS INC.

DIMENSIONS FOR 8180-1500 MULTIFUNCTION DISPLAY



SCALE 1 : 2

SPECIFICATIONS:

Supply:

- Nominal 24 V_{DC}, range 18 to 35 V_{DC}
- Reverse voltage protection
- Input fuse 4 A
- Nominal 120 mA, peak 227 mA

Environmental:

- Operating temperature -5°C to +70°C (Optional extended range -25°C to +70°C)
- Storage temperature -30°C to +80°C
- Vibration: Frequency range 2 to 100 Hz
Peak to peak amplitude 2 mm below 13.2 Hz
Acceleration amplitude 0.7 g above 13.2 Hz
- CE compliant for EMC (IEC/EN60945)

Physical:

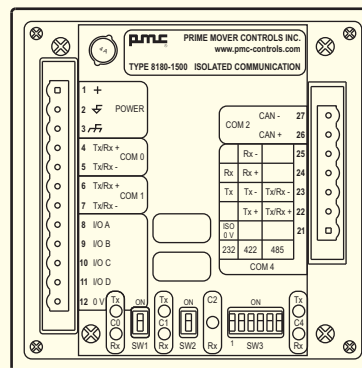
- IP40 above console (IP66 with optional watertight cover)
- Dimensions:
96 mm L × 96 mm W × 70.4 mm H
(3.78" L × 3.78" W × 2.77" H)
- Weight, typical 250 g (1.55 lbs)
- Removable terminal blocks for 14 to 20 AWG wires

Inputs/Outputs:

- 2 isolated RS-485 communication ports
- 1 isolated RS-232/RS-422/RS-485 communication port
- 1 isolated CAN communication port
- 4 open collector input/outputs 0.75 A @ 35 V_{DC}

Diagnostics

- LED indication for RS-485 Rx & Tx lines



PRIME MOVER CONTROLS INC.

3600 GILMORE WAY, BURNABY BC CANADA V5G 4R8

TEL 604 433-4644 FAX 604 433-5570 www.pmc-controls.com