

SPECIFICATIONS

MECHANICAL

Weight:

4.5 lb. (2.04 kg)

Housing:

Rugged Black Aluminum Case

Front Plate:

NEMA 12
NEMA 4X - Stainless Steel

Dimensions:

See drawing-inches (mm)

DISPLAY

Display Technology:

Vacuum Fluorescent (blue)

Lines:

2 or 4

Characters per line:

20 or 40

Display Configurations:

2 lines x 40 characters per line
4 lines x 20 characters per line

Display Character Type:

5 x 7 dot matrix

Viewing Distance:

10 ft. (3.05 m)

ELECTRICAL

Message Memory:

EEPROM (8K, 16K, 32K, 128 K)

Slave Port:

Optional

Computer Port:

Standard ASCII

Parallel Port Inputs:

20 (optional)

Terminal Block:

Wire-clamp terminal block for 18 AWG

Parallel Port Source Inputs:

10-30 VDC

Printer Port:

Optional

Power Source:

115 VAC (102-132), 47-63 Hz,
11 VA

230 VAC (194-250), 47-63 Hz,
11 VA

24 VDC (20-32 VDC), 11 W

Electrical Interference:

NEMA ICS 2-230 Showering Arc Test

Electrical Tolerance:

ANSI C37.90a-1974 (SWC) Surge
Withstand Capability Test

MEMORY

Battery Life-OFF continuously:

Typically 5 years
(minimum 1½ years)

Memory Message Type:

EEPROM (8K, 32K, 64K, 128K)

Mounting Dimensions:

Life:

EEPROM Min. 10,000 changes
to a given location

Memory Usage:

Approximately 175 80-character
messages per 16K Bytes of memory

ENVIRONMENTAL

Temperature (Ambient):

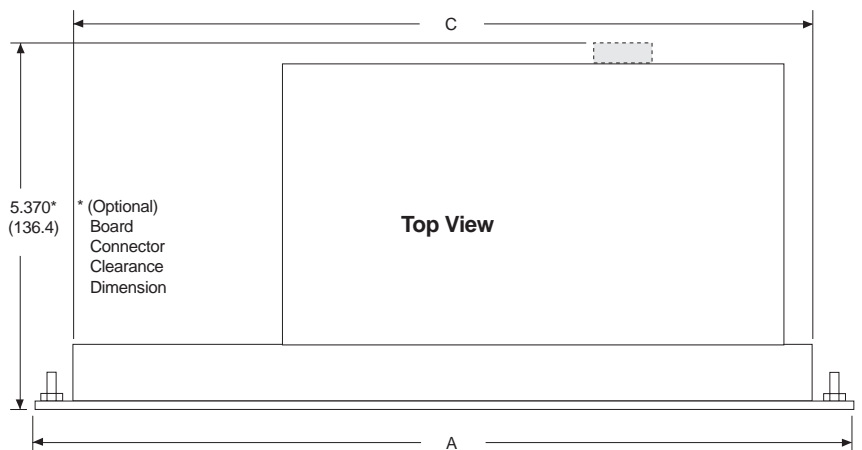
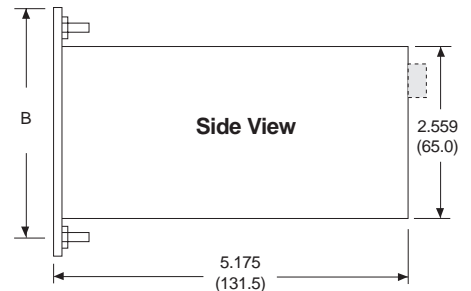
Operational:32 to 140 °F
(0 to 60 °C)

Storage:-40 to +203 °F
(-40 to +95 °C)

Humidity:10 to 95% RH,
Noncondensing

Enclosure Rating:

NEMA 12



| PMD 180 | NEMA | A | B | C |
|---------------------|------|----------------|--------------|----------------|
| 4 Line/20 Character | 12 | 8.650 (219.7) | 3.700 (94.0) | 8.150 (207.1) |
| 2 Line/40 Character | 12 | 11.550 (293.4) | 3.700 (94.0) | 10.984 (279.0) |