

Rosemount PDU 51

Panel Display Unit



The PDU 51 Panel Display Unit is a digital display used for presenting various types of data in the Rosemount CMS systems.

- Display unit with customizable graphics
- Type approved and suitable for installation on marine vessels
- Integrates easily with Rosemount CMS
- Available in 7" screen size

Description

The PDU 51 Panel Display Unit with touch screen control from DEIF is used to display one or several measured values to operators, and for operators to interact with the system.

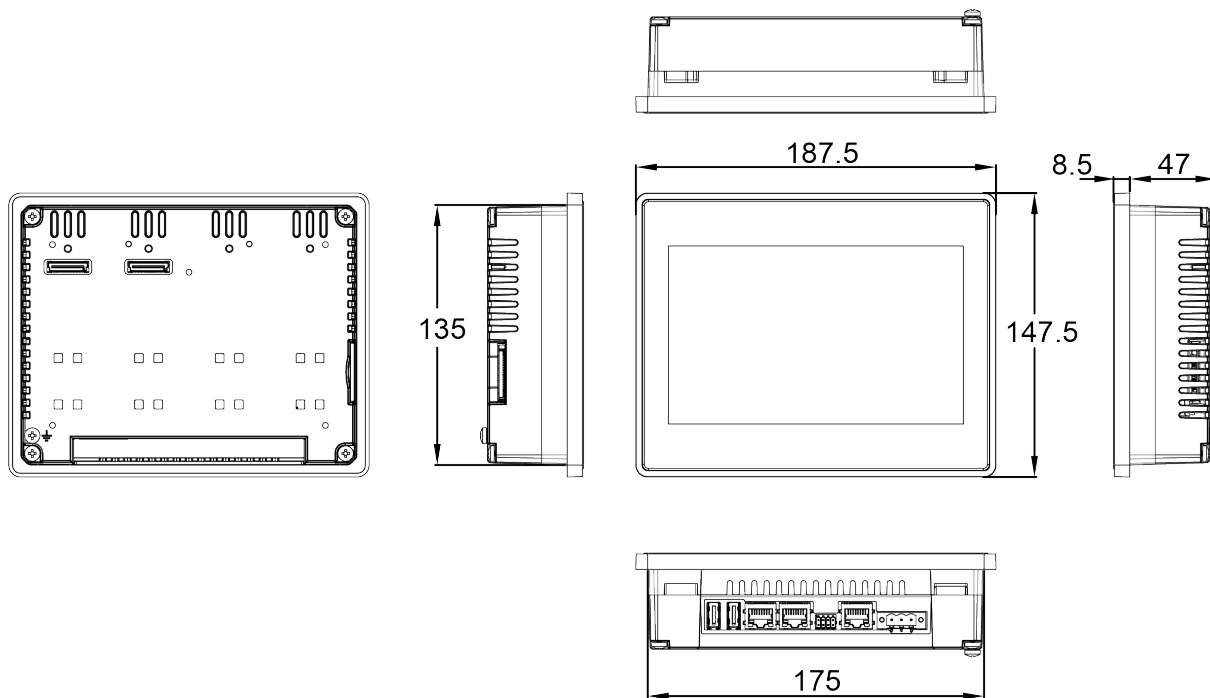
The display unit can display information from gauges and other equipment using text, numbers, bar graphs, diagrams and other graphics. Typical applications are to display tank content for one or several tanks or as a display for inert gas pressure with alarm handling.

The screen comes in size 7".

The display unit is configured with its specific software program depending on the intended application and needs. A buzzer is built into the unit and can be configured to sound at alarm.

The communication to the Rosemount system is modbus over Ethernet or optionally a serial RS-485 link.

Dimensional Drawings



All dimensions in mm.

Technical Specification

| PDU 52 | |
|----------------------------------|---|
| General Specification | |
| Screen size | 7" |
| Screen resolution | 800 x 480 |
| Screen brightness, typically | 300 Cd/m2 dimmable |
| Operator interface | Touch screen, analogue resistive |
| Communication interface | Ethernet or RS-485 |
| Electrical Specification | |
| Power supply voltage | 24 VDC |
| Current consumption | 0.65 A at 24 VDC (Maximum for 7") |
| Mechanical Specification | |
| Weight | 1 kg |
| Environment Specification | |
| Operating temperature | 0 to +50° C |
| Operating humidity | 5% to 85% relative humidity, non-condensing |
| Ingress protection | Front: IP 66 |
| | Rear: IP 22 |
| Approvals | |
| Marine approvals | DNV, LR, EU RO Mutual Recognition |

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