

Rosemount PDF 51

Inert Gas Pressure Display Application

1 COT P	20 mbar	1 COT C	50 mbar	1 COT S	20 mbar
2 COT P	15 mbar	2 COT C	50 mbar	2 COT S	20 mbar
3 COT P	22 mbar	3 COT C	55 mbar	3 COT S	20 mbar
4 COT P	34 mbar	4 COT C	54 mbar	4 COT S	23 mbar
5 COT P	14 mbar	5 COT C	11 mbar	5 COT S	21 mbar
SLOP P	18 mbar	RESIDUAL	49 mbar	SLOP S	18 mbar

The Rosemount PDF 51 is the Inert Gas Pressure monitoring application used with the PDU 51 Panel Display Unit. It offers you an additional alarm and display unit dedicated to cargo tank inert gas pressure readings.

- Allows IG monitoring from additional places, such as the bridge
- Triggers the internal buzzer in case of Pressure Alarm
- Possible to customize to show the specific tank names and layout
- Allows compliance with the ExxonMobil MESQAC H.30 requirement
- Enabled for easy upgrade of existing systems

Description

The Rosemount PDF 51 Inert Gas Pressure Display application for the 7" PDU 51 Panel Display Unit allows monitoring of inert gas pressure readings from the cargo monitoring system. The panel display will show current readings of all cargo tank pressure sensors along with their alarm status.

Pressure alarm limits are set and stored in the workstation. When an alarm is triggered, the internal buzzer of the panel display will sound and the alarm will be visible on the screen. The internal buzzer can be silenced by touching anywhere on the screen. This will not influence the actual alarm status in the workstation, where the alarm must be silenced and acknowledged separately.

The alarm indication covers high and low pressure alarms and also failures such as broken sensors and communication errors between the panel display and the cargo monitoring system.

The display is always customized for the particular vessel with the number of tanks including tank names and layout. Tank names can also be changed by the operator on the display itself.

Prerequisites

The Inert Gas Pressure Display application must be loaded onto a PDU 51 and connected to one of the following systems:

- Rosemount CMS
- Rosemount TankRadar STaR
- Rosemount TankRadar G3

Upgrading

An existing vessel with a Rosemount system can easily be upgraded with this product.

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