



A division of Whitlock Instrument

Digital Lubrication Monitor

Model DLM-926PM - Part# 000551

Name: DLM-926 Literature
Revision: 1.0 | Revision Date: 19-OCT-2017
Created By: Ray Garcia
File Name: DLM926 LIT_COMPLETE_2017

DUAL ZONE MONITOR (COMPRESSOR/ENGINE)

MONITORS AND RECORDS OPERATION OF DIVIDER BLOCK LUBRICATION SYSTEMS



DLM-926PM

SPECIFICATIONS

Enclosure..... CLASS I, DIV I GROUPS C, D; T4
Panel mount in 4.5" Pressure Gauge hole
Power.....6-24VDC@.0007 amps
(Optional 90-200 Ignition or 120 VAC @.0005 amps)
Alarm Switch240 VDC or 120 VAC @ 2.5VA
Alarm Time.....Programmable - 3 sec to 250 seconds
Temperature Range..... -40° to +80° C)
Warranty.....1 Year
Display.....Cycle Time(Sec), Flow Rate(Pints/Day), Total Strokes, Alarm Status, Total System Run Time(Hours)
Memory.....100 Cycle times Compressor, 100 Cycle times Engine

SYSTEM SCAN MODE: Each 10 seconds the readout will switch between the following:

Compressor and Engine Pints per Day

COM. 24.1 P/D
ENG. 32.8 P/D

Compressor running seconds and previous cycle time

COM. 23.1 sec.
PREV. 45.6 sec.

Engine running seconds and previous cycle time

ENG. 23.1 sec
PREV. 36.8 sec.

Compressor and Engine total strokes

COM. 000231 STRKS
ENG. 000456 STRKS

System total run time in hours

RUNTIME.
000000.000

DESCRIPTION

The DLM-926 is a microprocessor based dual mode monitor for the display and control of progressive in-line lubrication systems. Proximity switches mounted to the divider block system on the engine and compressor signals the DLM-926 each cycle. The time between cycles is displayed on the LCD readout as time into the current cycle as well as the time for the previous cycle. Each 10 seconds the display changes to show the flow rate in pints/day, cycle time, total strokes, and system run time for both the engine and compressor. If the time between cycles exceeds the programmed alarm time an alarm signal is activated. The DLM-926 alarm function can be either open or closed loop depending on the program setting. The last 100 cycle times for the engine and compressor lubrication systems are stored in permanent memory and can be read out via local control of program buttons. The DLM-926 is powered by 6-24 volts DC with an optional module PM970 (PN000632) to

ENCLOSURE NOTES

- OPEN CIRCUIT BEFORE REMOVING COVER
- OUVRIR LE CIRCUIT AVANT D'ENELEVER LE COUVERCLE
- KEEP COVER TIGHT WHILE CIRCUITS ARE LIVE
- GARDER LE COUVERCLE BIEN FERME TANT QUE LES SONT SOUS TENSION
- SEAL SHALL BE INSTALLED WITHIN 50MM OF THE ENCLOSURE
- UNSCCELLEMENT DOIT ETRE INSTALLE A MOINS DE 50MM DU BOITER



Manufactured and Assembled in the USA by:
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DUAL ZONE MONITOR (COMPRESSOR/ENGINE) MONITORS AND RECORDS OPERATION OF DIVIDER BLOCK LUBRICATION SYSTEMS

PROGRAMMING FUNCTIONS

Press Mode then Mode and UP or Down buttons to change functions. Pressing Exit button will return to normal scan.

- 1> Compressor Block Total - Can be changed in the range of variable 18-144 (Change with UP or DOWN Button) Total of the face value stamped on the divider sections..
- 2> Engine Block Total - Range of variable 18-144 (Change with UP or DOWN Button)
NOTE: For block totals see Sizing Chart for Dropsa.
- 3> Compressor Alarm Time - Range of variable 3-250 seconds(Change with UP or DOWN Button)
- 4> Engine Alarm Time - Range of variable 3-250 seconds(Change with UP or Down Button)
- 5> Alarm mode - (Change to Open loop with Down Button or Closed loop with UP Button)
- 6> Compressor Cycle Time Memory - Last 100 cycle times given in seconds(Sequence with UP or DOWN Button).
- 7> Engine Cycle Time Memory - Last 100 cycle times given in seconds(Sequence with UP or DOWN Button).
NOTE: Memory is permanent, will not be lost in case of power failure.
- 8> System Reset - Press the up and down buttons at the same time to Reset total strokes and total run time.

Four(4) panel mounted buttons are used to change the setup parameters.

Program menu items are accessed by pressing the mode button.

Pressing the mode and either up or down at the same time will access the other menu items.

The up and down buttons will change a menu item slowly at first then rapidly if held down.

The exit button will return to the display mode if pressed at any time.



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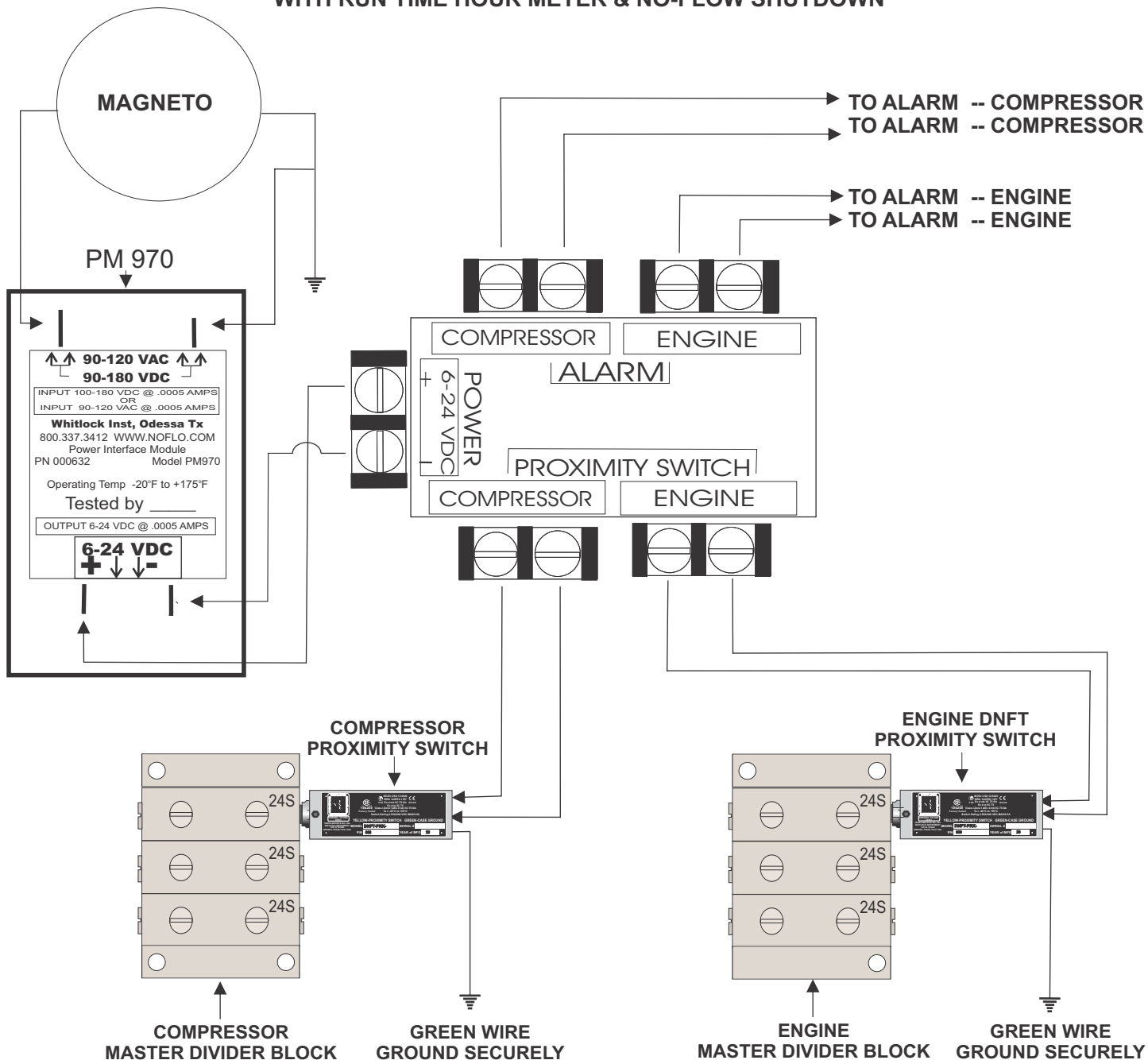
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WIRING INSTRUCTIONS

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DUAL DIVIDER BLOCK SYSTEM MONITOR WITH RUN TIME HOUR METER & NO-FLOW SHUTDOWN



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