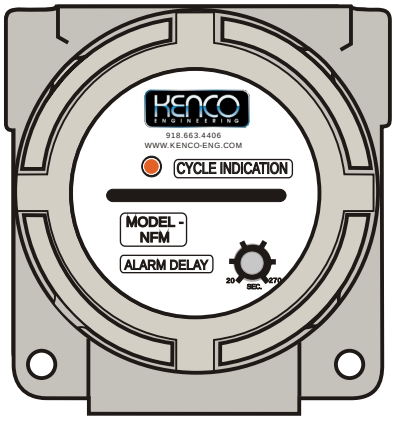
No-Flow Monitor
Model NFM

723LIT KENCO-NFM-1
10.23.02

MONITORS AND DISPLAYS OPERATION OF DIVIDER BLOCK LUBRICATION SYSTEMS



NFM

- FAILSAFE-OPEN AND CLOSED MODES
- EXTERNAL POWER: NOT REQUIRED
- EXPLOSION PROOF
- TIMED SHUTDOWN PROTECTION
- ADJUSTABLE ALARM TIME

DC POWERED

The KENCO No-Flo MONITOR operates with two (2) "AA" regular or alkaline batteries which are easily replaceable. The low-cost batteries have a life expectancy of between 2 and 4 years depending on the cycle time of the divider block. The KENCO No-Flo MONITOR comes equipped with a "Low Battery Function". After thirty (30) days of flashing the low battery warning, the KENCO will go into alarm state and cannot be reset until batteries have been replaced.

Tulsa, OK USA
918.663.4406 www.kenco-eng.com
Manufactured and Assembled in the U.S.A. By KENCO LIMITED

SPECIFICATIONS

Material.....Aluminum
Temperature Range. .....-40°F to +170°F
Alarm/Shutdown.....Adjustable - 20 to 270 sec Alarm
Power.....2 “AA” 1.5V Batteries
Switch Rating..... 2.5VA/120VAC/240 VDC
Warranty.....2 Years

RATINGS

EXPLOSION PROOF HOUSING CLASS I, DIV I GROUPS B, C, D

DESCRIPTION

The KENCO No-Flo MONITOR is a digital microprocessor control device specifically designed to protect gas compressors from damage due to loss of lubrication . Lubrication to the compressor flows through a divider block lubrication system forcing an internal piston to cycle back and forth. With the included Proximity Switch mounted to one of the divider blocks, this back and forth movement results in an ON/OFF state which the KENCO No-Flo MONITOR continuously analyzes. If no movement is detected, the KENCO will activate the alarm delay which is easily adjustable from 20 to 270 sec's. When the alarm delay expires, "shutdown" of the compressor will occur preventing any damage.

OPERATION

The KENCO No-Flo MONITOR alarm time can be adjusted by turning the panel mounted potentiometer. The alarm time is not affected by temperature change. The KENCO No-Flo MONITOR is a bipolar device. It is not necessary to determine the polarity of the wires coming from the annunciator, PLC, or other types of shutdown controllers because the closed loop and open loop alarm circuits are bipolar.

ORDERING INFORMATION

NFM — ML

ML - Proximity Switch for Modular Lube Divider Blocks
T1 - Proximity switch for Trabon Divider Valves (1994 or earlier)
T2 - Proximity switch for Trabon Divider Valves (1995 or later)
DR - Proximity switch for Dropsa Divider Blocks

No-Flow Monitor

WIRING INSTRUCTIONS

Model NFM

723LIT KENCO-NFM-2
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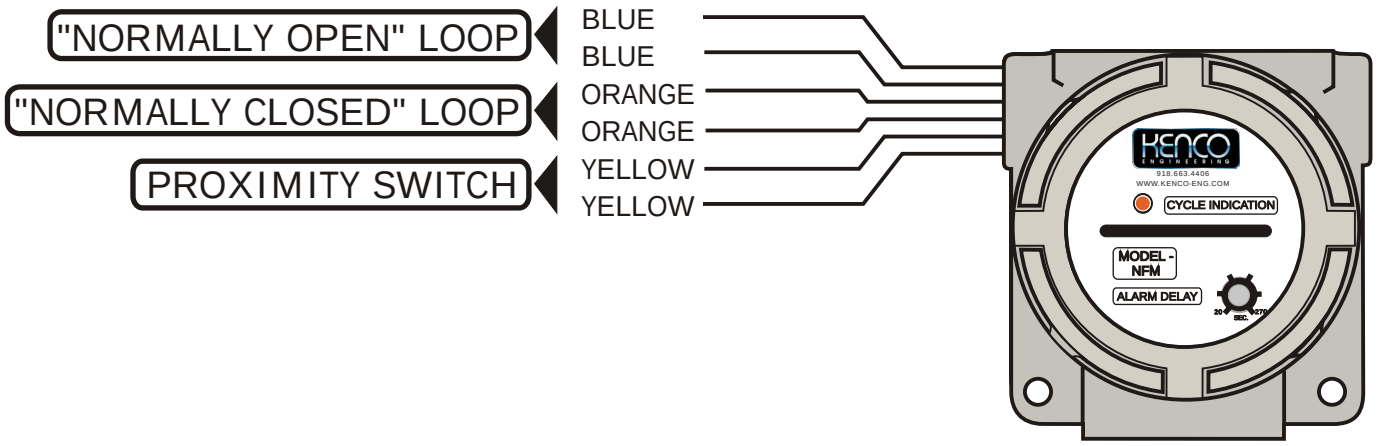
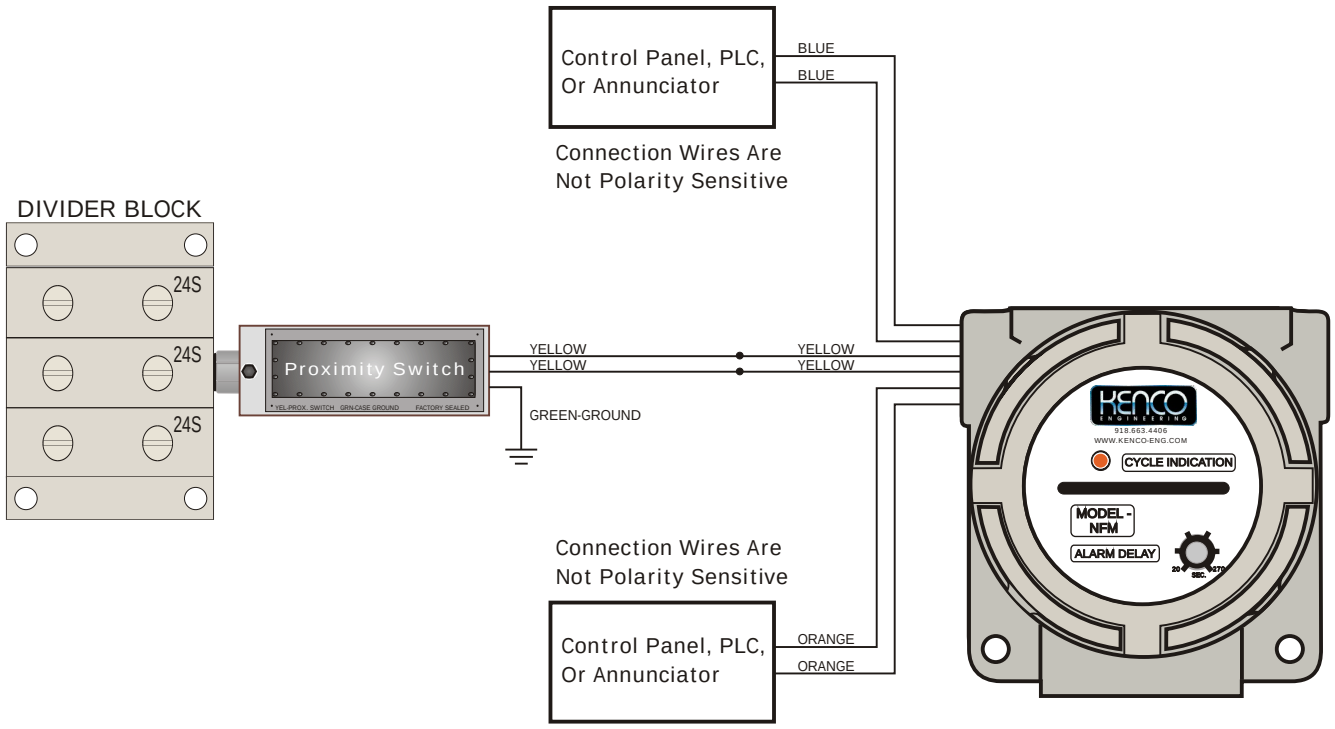


WIRING DIAGRAM FOR OPEN LOOP "OR" CLOSED LOOP OPERATION

"NORMALLY OPEN" LOOP



"NORMALLY CLOSED" LOOP

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