

Wizard Monitor

A dedicated lubrication system monitor is the best way to view and track lubricant delivery and guarantee that your equipment is protected.

Our Wizard Monitor provides cutting edge delivery protection and monitoring for up to four lubrication zones. The Wizard has a bright, easy-to-use touch screen interface, integrates seamlessly with your plant control systems, and provides real-time flow rate information and rate data logs for later analysis.

Features and Benefits

- Tracks and displays total oil delivery for up to four zones
- Simple programming and setup with 3 ½" color LCD touchscreen
- Compatible with all PLC systems via MODBUS interface
- Continuous log file recording with USB export
- Programmable zone warning and zone failure alarm
- Enables automatic fail-safe shutdown
- Options available for all area classifications

Part #s

SLS-MO-Wizard-JIC - Wizard monitor with push button reset switch

SLS-MO-Wizard-XP - Wizard monitor with explosion proof reset switch

SLS-MO-Wizard-JIC-Assembly - Wizard monitor in assembled JIC box with push button reset switch

SLS-MO-Wizard-XP-Assembly - Wizard monitor in assembled XP box with XP reset switch



Specifications

- **Power supply**
90-264 VAC, 47-63 Hz / 12-48 VDC 15 W max
- **Inputs**
4 Zone proximity switches (low voltage dry contact)
1 Total display switch
1 Arm/disarm circuit
- **Outputs**
4 Zone alarm relays 250 V max 5A (NO) / 3A (NC)
1 Power fail relay 250 V max 5A (NO) / 3A (NC)
- **Communication**
1 RS485 Modbus RTU
1 10 / 100 Ethernet (Web server + MODBUS TCP/IP)
- **Storage Onboard**
512Mb; minimum 2 years logging 1 entry per minute
External USB – CSV file format

Magnetic Proximity Switch

Reliable, durable and cost effective, our spring-free Magnetic Proximity Switch (MPS) delivers accurate cycle signals for flow rate monitoring and fail-safe operation.



Features

- Anodized aluminum body and stainless steel wetted parts
- Spring-free design eliminates wear parts
- Fully enclosed design eliminates leak paths
- Removable magnetically captive pin for easy cleaning and operation verification
- Fully enclosed reed switch and PVC jacketed cable
- Easily separable magnet housing
- Normally closed switch design for simplified troubleshooting and circuit verification
- Precision-manufactured reed switch designed for millions of closures at low voltage
- Follows piston travel and reports each block cycle to the Wizard Monitor
- US Patent 8575921

Part # - SB-D-MPS

Specifications

- Switching voltage (DC or peak AC) 200V
- Switching current (DC or peak AC) 0.5A
- Carry current (DC or peak AC) 1.25A
- Static resistance (@0.5, 10mA) 200
- Insulation resistance (@100V) 1010
- Sensor resistance (@40% overdrive) 480 mOhm

DNFT

The DNFT is a simple, compact, and reliable monitoring device that provides real-time, fail-safe protection for your critical machinery. The DNFT installs directly to your divider block and provides single zone, fail-safe protection via a simple open/closed relay.



Features and Benefits

- Simple and reliable fail-safe protection
- Battery powered for easy installation – field replaceable
- Compatible with divider block systems
- Flashing light indicates each cycle
- Integrates with PLC controls

Specifications

- Replacement Batt PN: SB-MO-DNFT-Battery
- Epoxy Encapsulated – UL Listed EL-Cast VFR 641
- Switch Rating: 2.5VA/240 VDC
- Alarm range: Many options available
- PRX Rating – 2.5VA/200 VDC MAX/0.5A
- Temperature Range -40 – 131F (-40 to 55C)

SINCE 1922, AND NOW FOUR GENERATIONS OF FAMILY, SLOAN LUBRICATION SYSTEMS HAS BEEN THE LUBRICATION SOLUTION FOR RECIPROCATING AND ROTARY EQUIPMENT. WE INSPECT, INSTALL, TEST, TRAIN, AND MAINTAIN YOUR COMPONENTS TO ENSURE OPTIMAL PERFORMANCE FOR YEARS TO COME.