

SmartPurge™

Advanced Purge Sensor Technology

LAKOS
SMARTPURGE™



SmartPurge™ Sensor detects solids level within a LAKOS Separator and activates automated purge. More efficient purge cycles leads to labor and energy savings and reduced downtime.

Features and Benefits:

- Vibrating blade senses changes in solids level within LAKOS Separator, activating purge
- Detects solids with specific gravity 2.6 and up
- Durable 304 stainless steel construction for long life
- Separator purges only when required, reducing energy costs, fluid loss, and maintenance time
- User adjustable purge times
- Status indicator light
- Works with all LAKOS purge valves
- Failsafe mode to warn of improper operation



SPECIFICATIONS:

- Maximum Temperature:** 176°F (80°C)
- Maximum Pressure:** 145 psi (10 bar)
- Sensor Power Requirements :** 20-250VAC, 50/60 Hz
- Sensor Contact Ratings:** 5 AMP, 250VAC
- Control Box Power Requirements:** 100-240VAC
- Control Box:** CUL 508c Listed
- Sensor and Control Box NEMA/TYPE :** 4X, IP 66
- Contact Factory for Other Requirements**

The First Smart Separator Purge System Has Arrived.

Fully Automated SmartPurge™ System



- SmartPurge™ Sensor
- Controller
- Purge Valve*



**Works with any LAKOS purge valve*

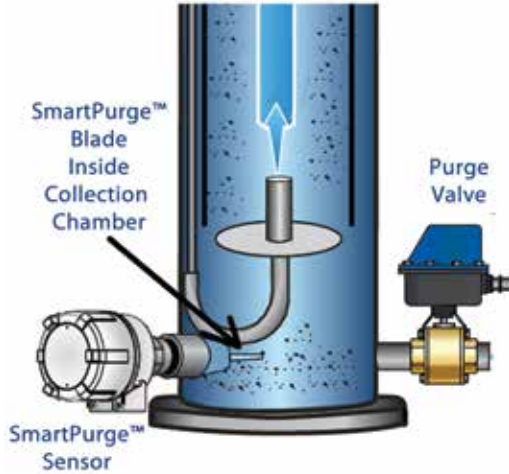


How It Works

The SmartPurge™ has a vibrating blade that stops vibrating when it is covered by accumulated solids in the collection chamber of the LAKOS Separator.

An electronic circuit then activates a relay indicating the purge level has been reached.

An automated purge valve opens for a pre-programmed duration, and the solids are purged.



Compatible Purge Valves



ABV Valve



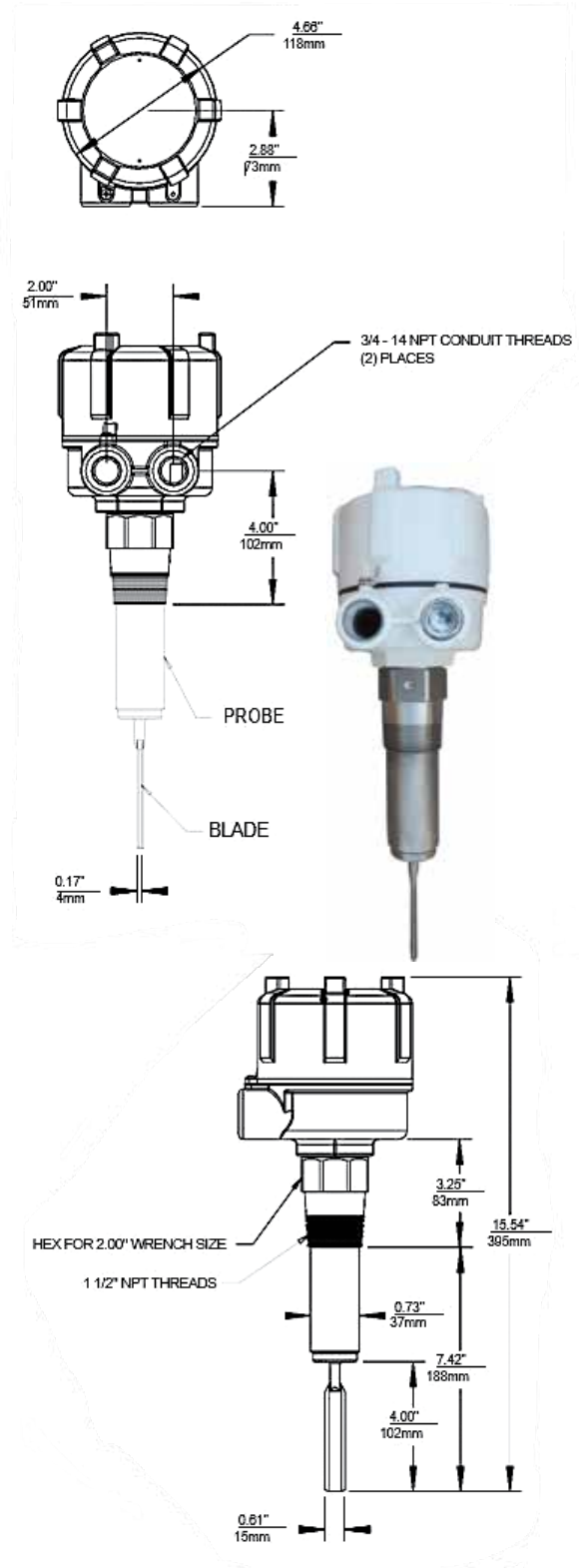
APP Valve



AFS Valve



AKE Valve



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LS-972B (Rev. 2/17)