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)
  - Please consult factory for separators operating with pressures exceeding 145 psi.
- **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**

**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 |

SmartPurge™ is a registered trademark of LAKOS

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