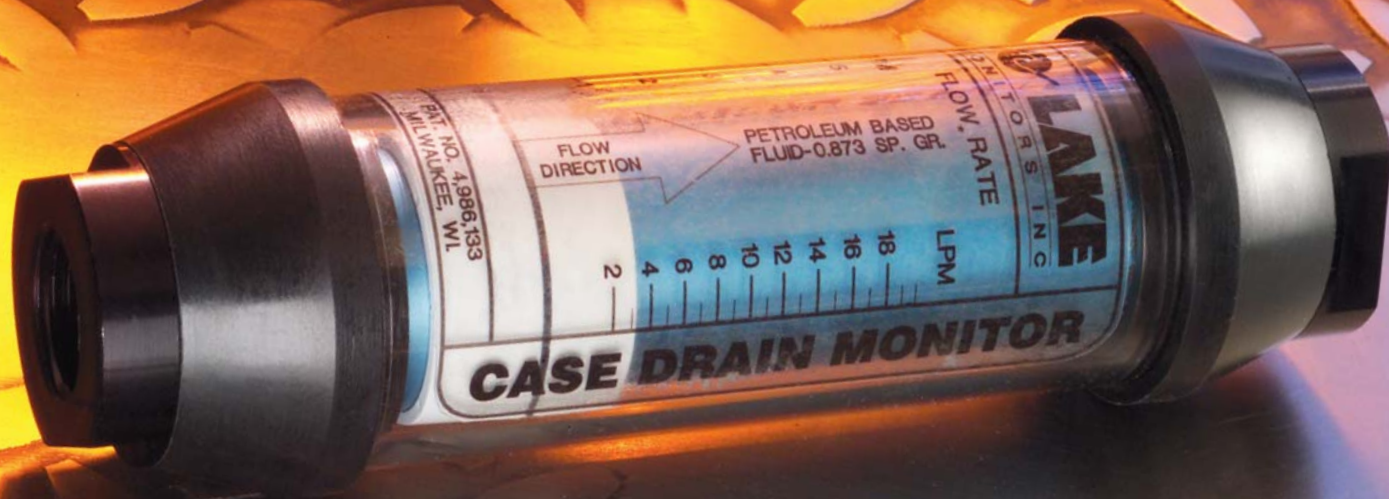


# Prevention. Protection. Performance.



Case Drain  
**MONITOR**

Available in aluminum construction for 1/2" to 1" pipe size, Lake's Case Drain Monitor is an affordable option to using a standard flow meter for case drain applications. It offers a flow measuring accuracy of  $\pm 5\%$  of range that can help confirm pump performance, identify required maintenance and reduce costly MRO down-time associated with unpredictable pump failure.

Designed for convenient vertical, horizontal and inverted installation, the monitor has a sealed window tube that makes it ideal for outdoor/exposed applications and where wash-downs may be required. And Lake backs its Case Drain Monitor with a One-Year Warranty!

[www.lakemonitors.com](http://www.lakemonitors.com)

# Case Drain MONITOR



## STYLE C

When ordering use Lake Monitors No.  
C \_\_\_\_\_



800.850.6110 or 414.671.3577  
www.lakemonitors.com

LAKE MONITORS, INC.  
2013 S. 37th St., Milwaukee, WI 53215 USA  
414.671.3577 FAX: 414.671.5253

## MATERIALS OF CONSTRUCTION

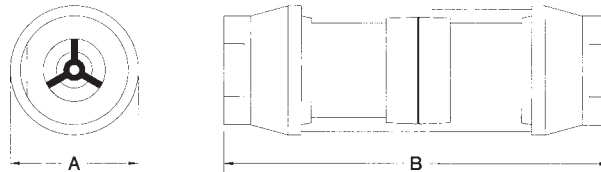
### WETTED COMPONENTS

- ◆ Pressure casing and end ports: Aluminum
- ◆ O-ring Seals: Buna-N
- ◆ Transfer magnet: Teflon® coated Alnico
- ◆ Floating orifice disk: Stainless Steel
- ◆ All other internal parts: Stainless Steel

### NON-WETTED COMPONENTS

- ◆ Window tube: Polycarbonate (STD)
- ◆ Window seals: Buna-N (STD), Teflon®

## MECHANICAL SIZE CODE



### SERIES 3

Dimension A: 1-7/8" (48mm)  
Dimension B: 6-9/16" (167mm)  
Port Sizes (NPTF): 1/2"

### SERIES 4

Dimension A: 2-3/8" (60mm)  
Dimension B: 7-5/32" (182mm)  
Port Sizes (NPTF): 3/4" and 1"

SAE and BSP porting also available. Contact Lake for more information

## PERFORMANCE

- ◆ Measuring accuracy: ±5% of full-scale
- ◆ Repeatability: ±1% of full-scale
- ◆ Flow measuring range: Up to 30 GPM (10:1 turndown)
- ◆ Maximum operating pressure: 1000 PSIG (69 Bar)
- ◆ Maximum operating temperature: 240°F (116°C)
- ◆ Filtration requirements: 74 micron filter or 200 mesh screen minimum

## TYPICAL PRESSURE DIFFERENTIALS

For specific differential graphs, refer to Lake data sheet PDDS-404

