

FS3000 Series Adjustable Grease & Oil Flow Sensors

RELIABLE

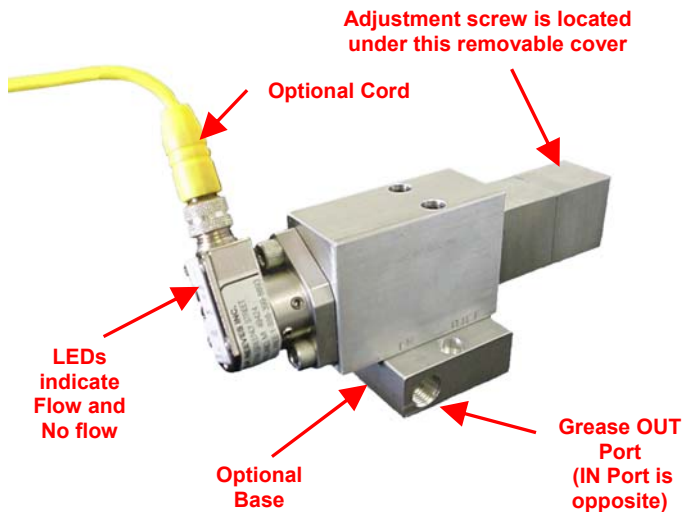
PLC COMPATIBLE

PROVES FLOW

Adjustable Flow Sensor (Flow Monitor) for Grease or Oil

- High speed for up to 60 operations per minute
- Micro connector for quick electrical connections
- Easy adjustment and LED flow indicator
- Tamper resistant adjustment cover
- Recognizes flow of almost any grease or heavy oil
- Dependable electronics with discrete output
- Operates with up to 3000 p.s.i. pressure
- Base mounted

TYPICAL ADJUSTABLE FLOW SENSOR



FS3000 SERIES ADJUSTABLE FLOW SENSORS:

Are manufactured under US patent number 4,858,645. Use a sealed electronic inductive proximity circuit, non-magnetic steel ball, and a precision-machined nylon seat for high speed, accurate, reliable operation.

Are compact, (about 7" long, 2" high, and 1 1/4" wide), and can be installed on a base that is only 3/4" high. Single sensors mount on bases similar to photo. Multiple sensors can be installed on multi-station bases on 1 3/4" centers.

Are not capable of reverse grease or oil flow

Weigh 2 lb. (without base and cord)

Function in ambient temperatures from 32 to 140° F. (0 to 60° C.)

Have electronic switch output that is ON when flow rate is below the set point and OFF when flow rate is above set point.

Can be mounted on any FSM2000 series base.

The Grease Flow Sensors listed below will function with NLGI #0 through NLGI#3 lubricating grease at flow rates between .10 and 20 cc per second. Grease must be compatible with Nylon and Viton.

FS3001	Supply Voltage 20-250V AC/DC, Switch 50-400 mA, PNP, NPN	Drawing KA4490
FS3002	Supply Voltage 10-30 V DC, Switch 200 mA DC PNP	Drawing KA4558

The Oil Flow Sensors listed below will function with lubricating oil within the viscosity range of 80 to 800 SUS (ISO15 to 150) at flow rates between .16 and .83 cc per second. Oil must be compatible with nylon and Viton.

FS3003	Supply Voltage 20-250V AC/DC, Switch 50-400 mA, PNP, NPN	Drawing KA4531
FS3004	Supply Voltage 10-30 V DC, Switch 200 mA, DC PNP	Drawing KA5617

OPTIONAL BASES AND CORDS (mounting bolts and flat gaskets are included with Flow Sensor)

Part Number	Description	Part Number	Description
FSM2001	Single station base with 1/8 NPT side ports	FSM2000-5	Five station base with 1/8 NPT end ports
FSM2002	Single station base with 1/4 NPT side ports	FSM2000-6	Six station base with 1/8 NPT end ports
FSM2003	Single station base with 3/8 NPT side ports	FSM2000-7	Seven station base with 1/8 NPT end ports
FSM2000-1	Single station base with 1/8 NPT end ports	FSM2000-8	Eight station base with 1/8 NPT end ports
FSM2000-2	Two station base with 1/8 NPT end ports		
FSM2000-3	Three station base with 1/8 NPT end ports	1867	5 meter AC/DC cord with Micro Connector (3 pin)
FSM2000-4	Four station base with 1/8 NPT end ports	1850	5 meter DC cord with Micro Connector (4 pin)

G. P. Reeves Inc. 12764 Greenly Street Holland, MI 49424

Phone: 888.399.8893

Fax: 616.399.8867

Web Site: <http://gpreeves.com>