

UNIVERSAL® Flow Meters



CSA Certified NRTL/C



CE Marked (as noted)

NIST

Traceable Calibration
Certificate Available

A Small Flow Indicator/Switch/Filter for Oil

*Maintains quality and protects
equipment such as machine tools
and multiple drill heads*



DESCRIPTION

The FO Series monitor combines a flow rate indicator and switch with a filter. It protects valuable machine tool heads by monitoring the flow of lubrication and filtering any foreign particles that may elude the primary filtration. **It should never be used as the sole filtration component.**

CALIBRATION

All meters are individually calibrated at a viscosity of 250 SSU and specific gravity of 9.

CONSTRUCTION MATERIALS

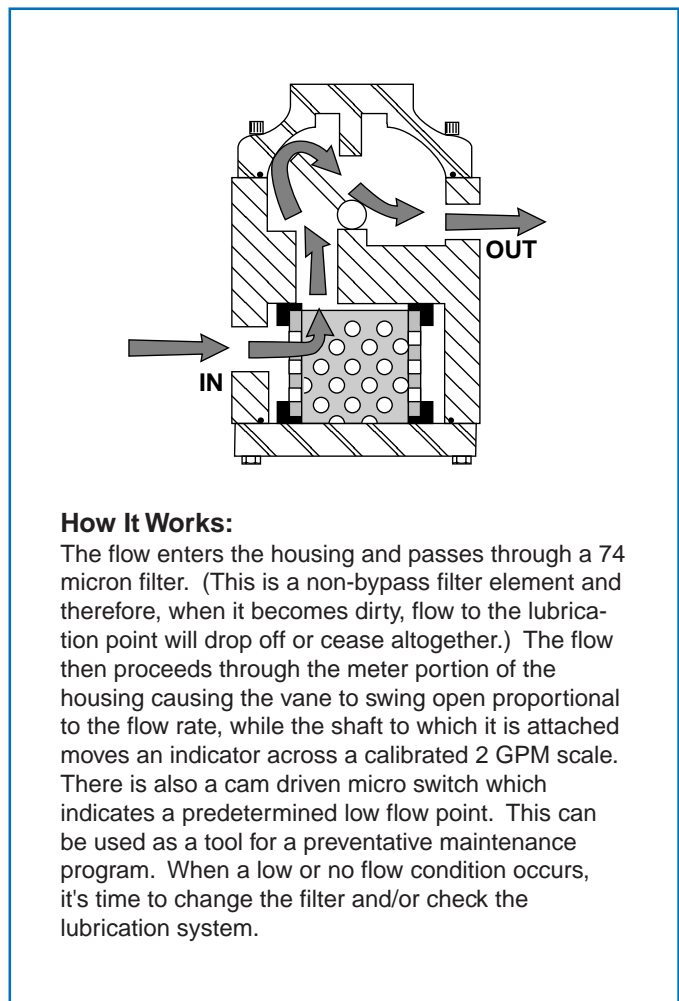
Aluminum & Nylon Body
300 & 400 Series S. S. Internals
Buna N Seals
74 Micron Filter Element (non-bypass)

LINE CONNECTIONS

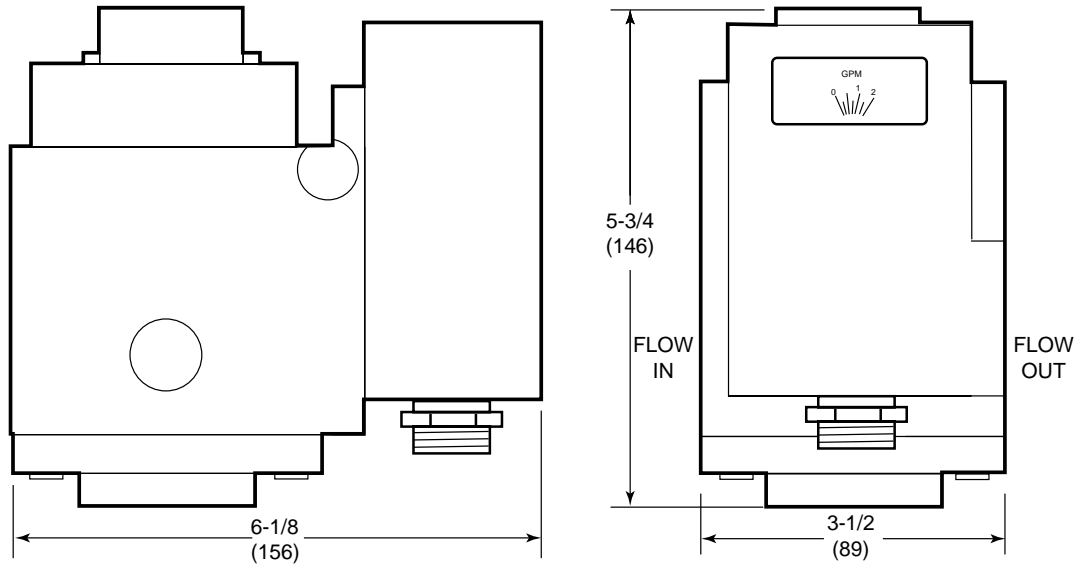
Ports 3/8" NPTF, BSPP, RSPT, JIS, etc. are available. Mounts inline and does not require any straight pipe runs.

ENGINEERING DATA

Maximum Pressure: 300 PSIG
Maximum Temperature: 200° F
Readout Accuracy: ± 5% Of Full Scale



DIMENSIONS approximate in inches (mm)



HOW TO ORDER: Select the appropriate symbols and build a model code number, as in example shown:

EXAMPLE: **FO** **2GM** - **3** - **250V.9** - **M3WR** - **PC5** - **DC** - **.2D**

FO SERIES Oil Flow switch with intergral filter = FO		SWITCH SETTING .2 = .2 GPM Decreasing Flow
MAXIMUM FLOW 2 GPM = 2GM 8 LPM = 8LM For others, consult factory		OPTIONS DC = Pin Connector Wired Blue/DC Voltage AC = Pin Connector Wired Red/AC Voltage
PIPE CONNECTION 3/8" NPTF = 3 For BSPP, BSPT and JIS, consult factory		PC4 = Multi Connector (5 pin), B-H Type (for use with switch option 3) PC5* = Multi Connector (5 pin), B-H Type (for use with switch option 3)
VISCOSITY Calibrated Operating Viscosity in SSU = 250V.9 For others, consult factory		SWITCHES 1 = One 3-Wire SPDT 3 = One 4-Wire SPDT (Ratings 15A, 120 VAC; 1A, 125 VDC; 0.5A, 250 VDC) in weather-tight type 4 enclosure, horizontal left to right flow direction

*Due to integral design this instrument is standard with pin connector. Unfortunately no deviations can be made.