

BVO OEM FLOWMETER WITH SWITCH



Flow
Pressure
Level
Temperature
measurement
monitoring
control



S2

- Flow Ranges 0.1-1.0 GPM through 1.0-13 GPM
- Repeatability $\pm 2\%$ of Full Scale
- Brass or Stainless Steel Wetted Parts
- Adjustable SPST Switch Standard



USA

KOBOLD Instruments Inc.
1801 Parkway View Drive
USA-Pittsburgh, PA 15205
☎ +1 412-788-2830
Fax +1 412-788-4890
E-mail: info@koboldusa.com



CANADA

KOBOLD Instruments Canada Inc.
9A Aviation
Pointe-Claire, QC H9R 4Z2
☎ +1 514-428-8090
Fax +1 514-428-8899
E-mail: kobold@kobold.ca

Visit KOBOLD Online at
www.kobold.com

Model:
BVO



Low Cost Flowmeter and Switch

Features

- Flow Ranges 0.1-1.0 GPM
Through 1.0-13 GPM
- Repeatability $\pm 2\%$ of Full Scale
- Brass or Stainless Steel
Wetted Parts
- Adjustable SPST Switch Standard

Cost conscious, large volume applications require special products. The KOBOLD BVO line of flowmeters is aimed at customers demanding low cost without sacrificing the robustness and reliability associated with a top-tier flowmeter. The BVO offers all the design ruggedness and quality of the KOBOLD SV line of meters, only at a lower price. Made in a streamlined mass production process, the BVO offers exceptional value for applications involving water-like liquids. Repeatability of the BVO is nonetheless held to $\pm 2\%$. The switch supplied with each BVO is adjustable over the meter's entire range.



Specifications

Accuracy: $\pm 12\%$ full scale
Repeatability: $\pm 2\%$ full scale
Media: Water-like liquids
Fittings: NPT standard

Wetted Parts

Brass Meters: Ni-Plated Brass
Buna-N, Glass
SS Meters: 304 SS, Viton
Glass

Temperature Range: -10 to 212 °F

Maximum Pressure: 145 PSIG

Flow Direction: Vertical, Up

N/O Switch Characteristics

Max. Voltage: 240 AC, 200 VDC
Max. Current: 1.5 A (AC)
1.0 A (DC)
Max. Power: 50 VA, 50 W
Hysteresis: 4–8 mm float travel

SPDT Switch Characteristics

Max. Voltage: 240 VAC
Max. Current: 0.8 A (AC)
Max. Power: 30 VA
Hysteresis: 4–8 mm float travel

Electrical Protection: NEMA 4X/IP65

BVO Ordering Information

Range GPM Water	Fittings NPT	Pressure Loss @ Max. Flow PSIG	Model Number	
			Brass	304 SS
0.1– 1.0	1/4"	0.9	BVO-6102	BVO-6202
0.2– 2.0	1/4"	1.4	BVO-6106	BVO-6206
1.0– 5.0	1/2"	1.1	BVO-6116	BVO-6216
1.0–13	1"	2.1	BVO-6150	BVO-6250

Option Suffix »-U« SPDT Switch in place of N/O