

## OEM Flowmeter with Switch



measuring  
•  
monitoring  
•  
analyzing

BVO



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



KOBOLD companies worldwide:

ARGENTINA, AUSTRIA, BELGIUM, BULGARIA, CANADA, CHILE, CHINA, COLOMBIA, CZECH REPUBLIC, EGYPT, FRANCE, GERMANY, GREAT BRITAIN, HUNGARY, INDIA, INDONESIA, ITALY, MALAYSIA, MEXICO, NETHERLANDS, PERU, POLAND, ROMANIA, SINGAPORE, SOUTH KOREA, SPAIN, SWITZERLAND, TAIWAN, THAILAND, TUNISIA, TURKEY, USA, VIETNAM

KOBOLD Instruments, Inc.  
1801 Parkway View Drive  
Pittsburgh, PA 15205  
☎ Main Office:  
1.800.998.1020  
☎ 1.412.788.4890  
info@koboldusa.com  
www.koboldusa.com



## OEM Flowmeter with Switch Model BVO

### Description

Cost conscious, large volume applications require special products. The KOBOLD BVO line of flowmeters is designed for customers requiring a low cost flowmeter that is both rugged and reliable. Due to a streamlined production process, the BVO series offers exceptional value for many flow monitoring applications involving water-like liquids. The BVO offers both the design considerations and high quality of the KOBOLD SV line of flow meters, only at a lower price. The repeatability of the device is  $\pm 2\%$ . The switch supplied with each BVO is adjustable over the meter's entire operating range.



### Specifications

<b>Accuracy:</b>	$\pm 12\%$ Full Scale
<b>Repeatability:</b>	$\pm 2\%$ Full Scale
<b>Media:</b>	Water-like Liquids
<b>Mounting:</b>	Vertical, Upward Media Flow
<b>Measuring Principle:</b>	Float with Cylindrical Control Tube
<b>Temperature Range:</b>	-10...212 °F
<b>Maximum Pressure:</b>	145 PSIG
<b>Housing:</b>	Gold Anodized Aluminum
<b>Fittings:</b>	NPT Standard

#### Wetted Parts

##### Brass Meters:

Ni-Plated Brass  
NBR, Glass

##### SS Meters:

304 SS, FKM  
Glass

#### Fittings:

NPT Standard

#### Electr. Switch Housing:

Plastic

#### Measuring Tube:

Borosilicate Glass

#### Electrical Protection:

NEMA 4X/IP65

#### Reed Contact:

Standard: N/O,  
Optional: SPDT  
Max. 230 VDC/0.26 A/60 W  
60 VDC/1 A/60 W  
Max. 240 VAC/0.42 A/100 W  
100 VAC/1 A/100 W  
cCSAus Approved

### Order Details (Example: BVO-6216U)

Range GPM Water	Fittings (NPT)	Pressure Loss at Max Flow PSIG	Model Number	
			Brass	304 SS
0.1...1.0	¼"	0.9	BVO-6102	BVO-6202
0.2...2.0	¼"	1.4	BVO-6106	BVO-6206
1.0...5.0	½"	1.1	BVO-6116	BVO-6216
1.0...13	1"	2.1	BVO-6150	BVO-6250
<b>Options (Add Suffix to Order Number)</b>				
Suffix <b>..U</b> = SPDT Switch in Place of N/O Switch				