

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



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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

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

Wetted Parts

Brass Meters: Ni-Plated Brass, NBR, Glass

SS Meters: 304 SS, FKM, Glass

Fittings: NPT Standard

Switch Housing: Plastic

Measuring Tube: Borosilicate Glass

Electrical Protection: 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
Options (Add Suffix to Order Number)				
Suffix ..U = SPDT Switch in Place of N/O Switch				