

VKA OEM VISCOSITY COMPENSATED FLOWMETER



Flow
Pressure
Level
Temperature
measurement
monitoring
control

S2



- Flow Ranges 2-6.3 GPH to 8-26 GPM Oil
- All Metal Bodies in Brass
- Adjustable Switch Available
- Pressure 3600 PSIG Maximum



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Model:
VKA

Low Cost Viscosity Compensated Flowmeter

Looking for a low cost, truly viscosity compensated flowmeter that won't break the company budget? Look no further than the KOBOLD VKA line of meters! The VKA flowmeter combines proven and reliable construction with affordable pricing.

Available for flow rates from 2 GPH to 26 GPM, the VKA is a viable alternative to the VKG and VKM series of flow metering products. Internal modifications reduce the pressure loss through the meter to 8 PSI, while still maintaining a compensated viscosity range of 30 to 300 cSt.

Specifications

Accuracy: ± 4 % FS
(add ± 4 % for viscosity changes)

Viscosity Range: 30–300 cSt

Pressure Loss: 8 PSI
@ Max Flow

Fittings: NPT standard

Wetted Parts: Ni-Plated Brass
301 SS, Teflon
Ceramic

Temperature Range: – 10 to 212 °F

Maximum Pressure: 3600 PSIG

Flow Direction

Meter Only: Vertical, Up or
Left to Right

Switch Only: as desired

N/O Switch Characteristics

Max. Voltage: 240 VAC, 200 VDC

Max. Current: 1.5 A (AC)
1.0 A (DC)

Max. Power: 50 VA, 50 W

Hysteresis: 6–8 mm float
travel

SPDT Switch Characteristics

Max. Voltage: 240 VAC

Max. Current: 0.8 A (AC)

Max. Power: 30 VA

Hysteresis: 6–8 mm float
travel



VKA Ordering Information

Range		Fittings NPT	Model Number			3/4" NPT Fittings
GPH Oil	GPM Oil		Switch Only	Meter Only	Meter & Switch	
2– 6.3	–	1/2"	VKA-5102	VKA-6102	VKA-7102	Suffix »-B«
6–20	–	1/2"	VKA-5104	VKA-6104	VKA-7104	
–	0.3– 0.9	1/2"	VKA-5106	VKA-6106	VKA-7106	
–	0.6– 1.6	1/2"	VKA-5108	VKA-6108	VKA-7108	
–	1.5– 4.2	1/2"	VKA-5110	VKA-6110	VKA-7110	
–	3.0– 8.5	1/2"	VKA-5112	VKA-6112	VKA-7112	
–	6 –15	1/2"	VKA-5114	VKA-6114	VKA-7114	
–	8 –26	1/2"	VKA-5116	VKA-6116	VKA-7116	

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