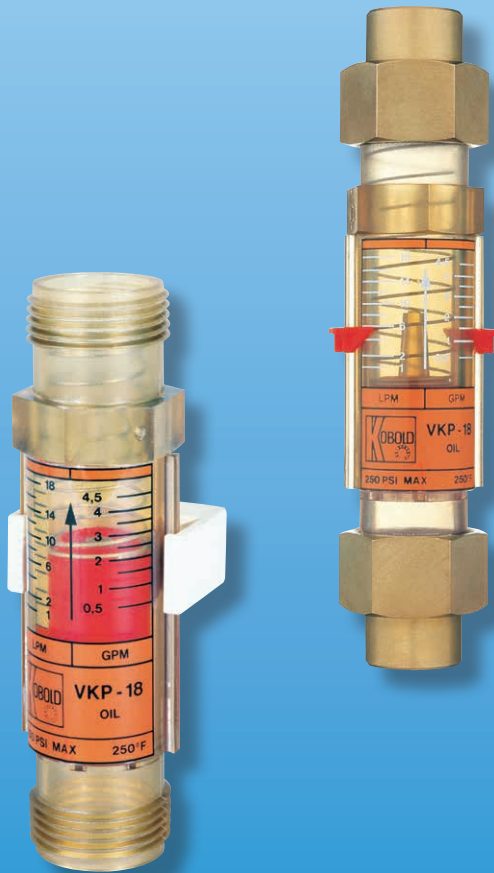


Viscosity Compensated Plastic Flowmeter and Switch for Liquids



measuring
•
monitoring
•
analyzing

VKP



- Flow Ranges: 0.5...5 to 5...26 GPM (Water)
0.5...4.5 to 3...20 GPM (Oil)
- Temperature Max: 250 °F
- Pressure Max: 230 PSI
- ±5% Full Scale Accuracy
- 1" MNPT Fitting Standard
- Universal Mounting
- Direct Reading Scales for Oil or Water



KOBOLD companies worldwide:

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

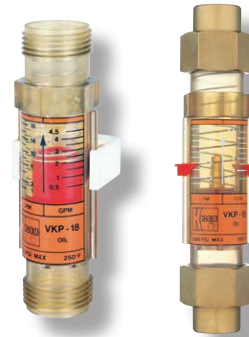
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info@koboldusa.com
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Viscosity Compensated Plastic Flowmeter and Switch Model VKP

Description

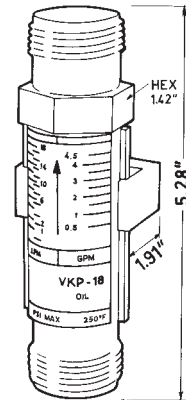
KOBOLD's plastic VKP flowmeters and switches are used wherever inexpensive flow measurement of liquids (eg. domestic services, cooling water, lubrication systems, solar heating, etc.) is needed. The VKP series offers a compact design with wetted parts of polysulfone and stainless steel. The liquid flow rate is easily read at the upper edge of the float. Its low cost and features also make the VKP series an ideal choice for many OEM applications.



Specifications

- Accuracy:**
 4000 & 5000 Series: ±5% of Full Scale
 6000 Series: ±7% of Full Scale
- Flow Media:** Oil, Water and Other Liquids
- Mounting:** Universal, Without Recalibration
- Measuring Principle:** Float, Spring Loaded
- Max. Temperature:** 250 °F (185 °F Max. with Switch)
- Max. Pressure:** 230 PSI
- Connections:** 1" MNPT
- Weight:** 0.12 Lbs. (w/1" NPT Connections)
- Wetted Materials**
- Housing:** Polysulfone
 - Float:** Polysulfone
 - Spring:** 301 SS
 - Retaining Ring:** PH 15-7 Mo SS
 - Sealing Gaskets:** Klinger-SIL (Units w/Union Fittings)
- Switch Contact:** N/O Reed Contact, Bi-stable
 Max. 40 W / 40 VA
 Max. 230 VAC / VDC
 Max. 2 A
 (No Single Value to be Exceeded)
- Electrical Connection:** DIN 43 650 C w/Cable Gland

Dimensions



Order Details (Example: VKP-5018 N115)

Flowmeter with Water Scale			Flowmeter with Oil Scale			Flowmeter for Contaminated Liquids (Particle Size < 400 µm)		
Range Water (GPM)	Press. Drop Max. (PSI)	Model	Range Oil (GPM)	Press. Drop Max. (PSI)	Model	Range Water (GPM)	Press. Drop Max. (PSI)	Model
0.5...5.0	2.76	VKP-4020	0.5...4.5	4.21	VKP-5018	2.0...8.0	3.77	VKP-6032
2.0...9.0	4.42	VKP-4035	0.5...8.0	9.57	VKP-5030	3.0...12	6.09	VKP-6045
2.0...13	6.09	VKP-4050	2.0...12	14.94	VKP-5045	4.0...18	11.46	VKP-6070
3.0...20	13.63	VKP-4080	3.0...20	24.36	VKP-5075	5.0...26	16.68	VKP-6100
5.0...26	15.66	VKP-4100						
Options (Add Suffix to Order Number)								
Suffix ..R = Adjustable Switch Contact VKP-4..., VKP-5... only Suffix ..D = Inverted Flow Direction (e.g. Top to Bottom Flow) Suffix ..N115 = 1/2" NPT, Male, Brass Union Fittings Suffix ..FN115 = 1/2" NPT, Female, Brass Union Fittings Suffix ..N120 = 3/4" NPT, Male, Brass Union Fittings Suffix ..N215 = 1/2" NPT, Male, SS Union Fittings Suffix ..FN215 = 1/2" NPT, Female, SS Union Fittings Suffix ..N220 = 3/4" NPT, Male, SS Union Fittings								