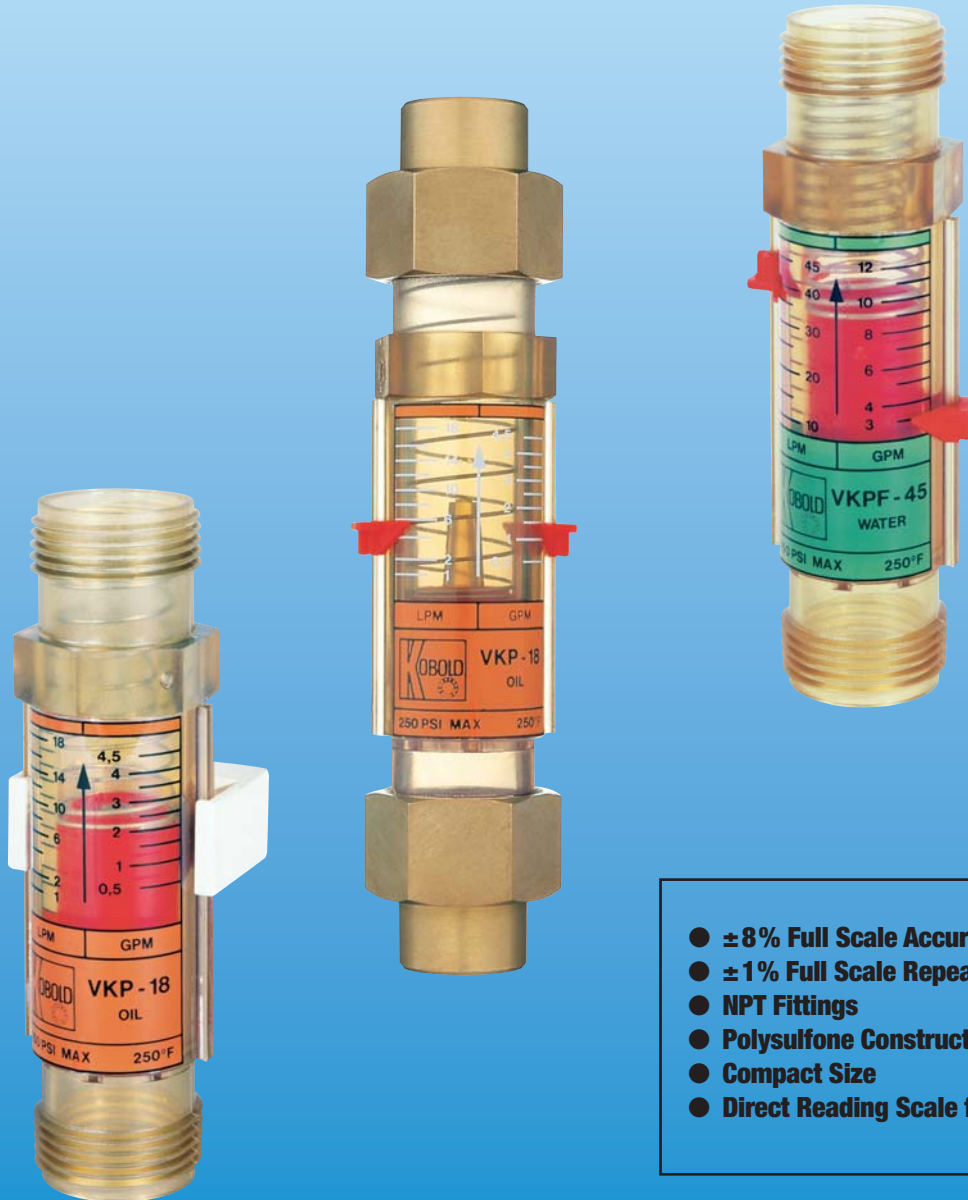


VKP VISCOSITY COMPENSATED PLASTIC FLOWMETER AND SWITCH



Flow
Pressure
Level
Temperature
measurement
monitoring
control



S2

- $\pm 8\%$ Full Scale Accuracy
- $\pm 1\%$ Full Scale Repeatability
- NPT Fittings
- Polysulfone Construction
- Compact Size
- Direct Reading Scale for Oil and Water



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Visit KOBOLD Online at
www.kobold.com

Model:
VKP



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 to be performed. The VKP series offers a compact design with wetted parts of Polysulfone, PVDF and Stainless Steel. Its low cost and features make the VKP series an ideal choice for OEM applications. Flow is read at the upper edge of the float.

Materials:

Housing: polysulfone

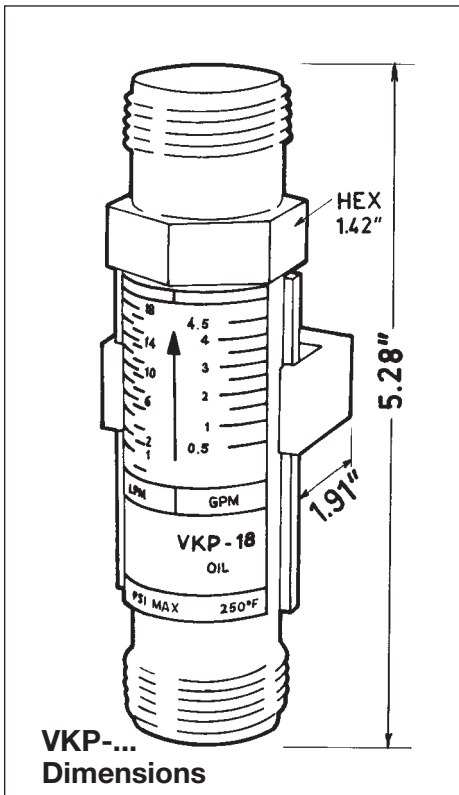
Float: polysulfone

Springs: 301 SS

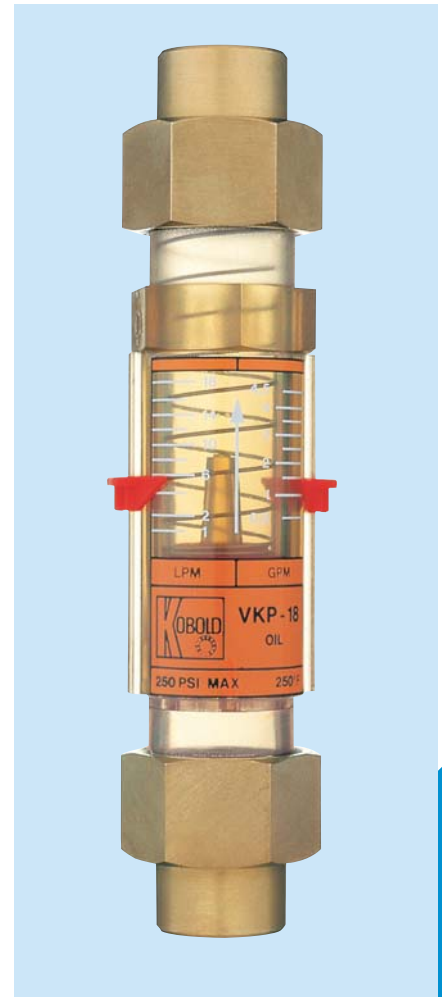
Snap Ring: PH 15-7 mo

Float Gaskets: Buna-N or Klingerit-Oilit for oil units

Switch: Reed-contact bi-stable max. 200V, 0.5A, 10 W



VKP 4020



Specifications

- Accuracy:** ±8% of Full Scale
- Flow Media:** oil, water and other liquids
- Mounting:** universal, without recalibration
- Measuring Principle:** float, spring loaded
- Max. Temperature:** 250°F
- Max. Pressure:** 230 PSI
- Connections:** 1" NPT
- Weight:** 0.12 Lbs.

Order Numbers -- for standard types

Flowmeter with water scale			Flowmeter with oil scale (100 cSt)			Flowmeter for contaminated liquids (particle size < 400µ) with water scale		
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	0.45	VKP 4020	0.5- 4.5	1.60	VKP 5018	2- 8	0.75	VKP 6032
2 - 9	1.20	VKP 4035	0.5- 8	3.65	VKP 5030	3-12	1.75	VKP 6045
2 -13	3.80	VKP 4050	2 -12	6.70	VKP 5045	4-18	4.95	VKP 6070
3 -20	10.9	VKP 4080	3 -20	11.6	VKP 5075	5-26	9.45	VKP 6100
5 -26	6.60	VKP 4100						

Options (add suffix to Order Number)

Suffix "R"
for adjustable contact VKP-4..., VKP-5... only

Suffix "N115"
1/2" NPT male Brass Union

Suffix "N120"
3/4" NPT Male Brass Union

Suffix "N215"
1/2" NPT male SS Union

Suffix "N220"
3/4" NPT Male SS Union