

## VKP - Plastic Flowmeter & Switch



### Benefits and Features

- LOW COST SOLUTION
- $\pm 8\%$  Full Scale Accuracy
- $\pm 1\%$  Full Scale Repeatability
- NPT Fittings
- Polysulfone Construction
- Compact Size
- Direct Reading Scale for Oil and Water
- Optional Adjustable Setpoint

### General Description

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.

### Specifications

**Accuracy:**  $\pm 8\%$  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.

**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 - Plastic Flowmeter & Switch

### Ordering Information

**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	11.8	VKP 5075	5-28	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
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### Dimensions

