

# Flow Switches VK3 Series

## with soldering adapter for copper pipes



- Plastic flow switch, paddle type, for OEM use
- Easy installation:
  - solder the adapter
  - install the O-ring
  - tighten the union nut
- Rugged glass-fiber reinforced plastic ensures highest strength and performance
- Long-term stable set point, reset of paddle by magnetic force, no spring fatigue

### Technical data

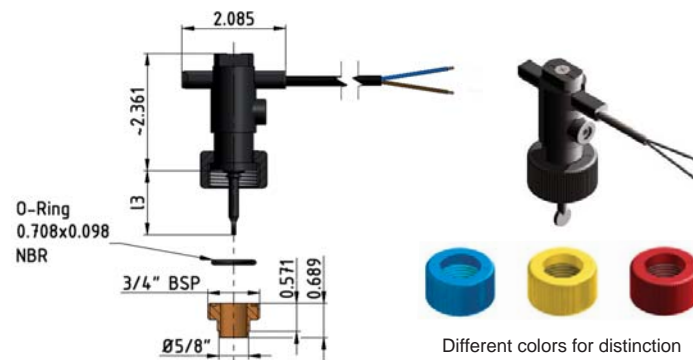
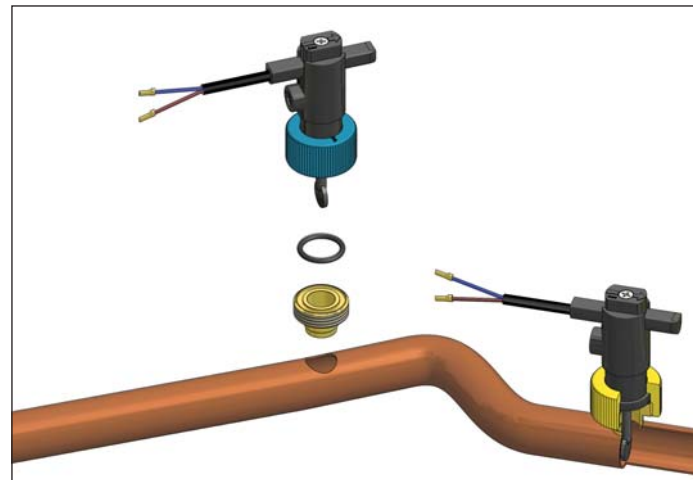
Switching function	Contact • closes at increasing flow • opens at decreasing flow
Pressure rating	Max. 145 psi
Medium temperature	Max. 212 °F
Ambient temperature	Max. 158 °F
Protection class	IP 65
Switching current	Max. 1 A
Switching voltage	Max. 230 VAC, 48 VDC
Switching capacity	Max. 26 VA, 20 W

### Materials

Body / paddle system	PPO Noryl GFN3
Soldering adapter	Brass
O-ring	NBR
Magnet	Hard ferrite
Cable	PVC

### Options

- Special set points
- Reversed switching function
- Different colors for distinction



### Approvals

RECOGNIZED COMPONENT

- UL 508
- UL 353
- CSA C22.2#14-05

For copper pipes norm. size	Setpoints (horizontal pipe, water, 68 °F)		Max. flow rate [GPM]	Paddle-length l3 [inch]	Type / order code (incl. O-ring and soldering adapter)
	Increasing flow [GPM]**	Decreasing flow [GPM]*			
3/4"	2.2	2.0	25	1.30	VK320M0P1CPD21
1"	3.3	3.0	35	1.42	VK325M0P1CPD21
1 1/4"	5.1	4.6	60	1.63	VK332M0P1CPD21
1 1/2"	5.4	4.8	60	1.87	VK340M0P1CPD21
2"	9.6	9.2	100	2.22	VK350M0P1CPD21
2 1/2"	16.2	15.7	180	2.22	VK350M0P1CPD21
3"	17.6	16.9	200	3.09	VK380M0P1CPD21

\* Setpoint tolerance ±15 %

\*\* typical value

Insertion into vertical pipes possible, set points on request

Subject to technical modification

VK3-insert-Cu\_u.eps 05/2010