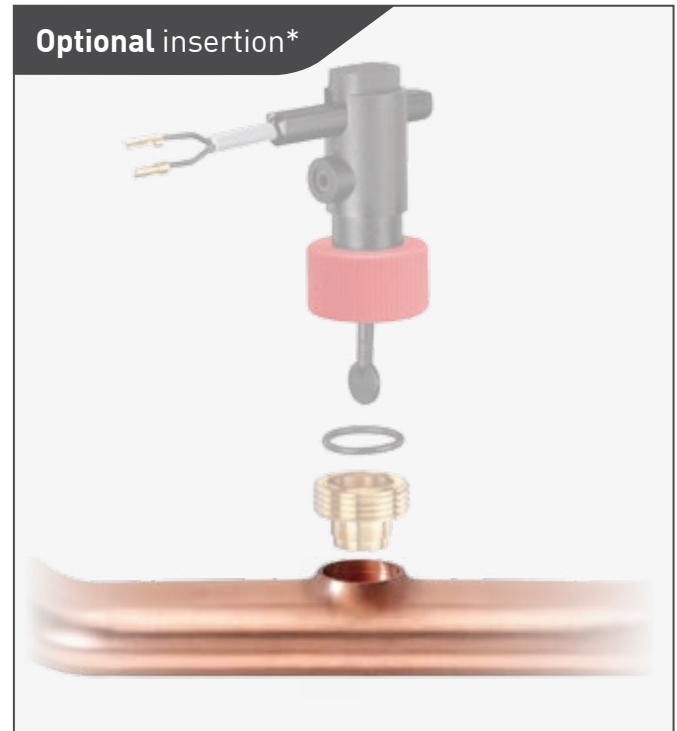
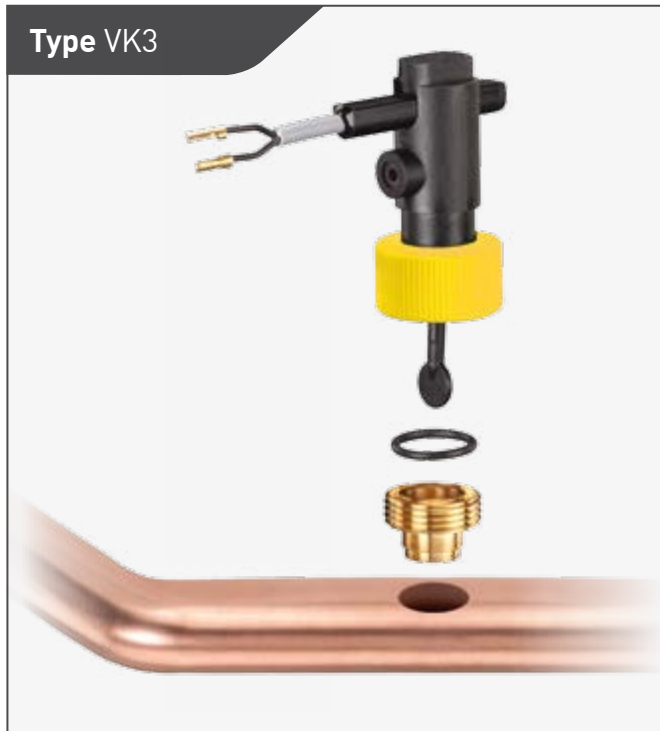


Flow switches for insertion installation

Made of plastic, with soldering adapter for copper pipes



Technical data	
Switching function	Contact → closes at increasing flow → opens at decreasing flow
Pressure rating	PN 10
Temperature ranges	
Medium	-25...100 °C
Ambient	-25...70 °C
Electrical data	
Electrical connection	1.5 m PVC jacket cable
Switching current	Max. 1 A
Switching voltage	Max. 230 VAC, 48 VDC
Rating	Max. 26 VA, 20 W
Degree of protection EN 60529	IP65
Protection class EN 60730-1	Class II
Approvals	



Benefits

- Direct installation into copper pipes
- Easy installation:
 - Solder the adapter
 - Install the O-ring
 - Tighten the union nut
- Delivery incl. flow switch, O-ring and soldering adapter
- Paddle lengths for copper pipes Ø 22...54
- Different colours of the union nut for an easy distinction

Options on request

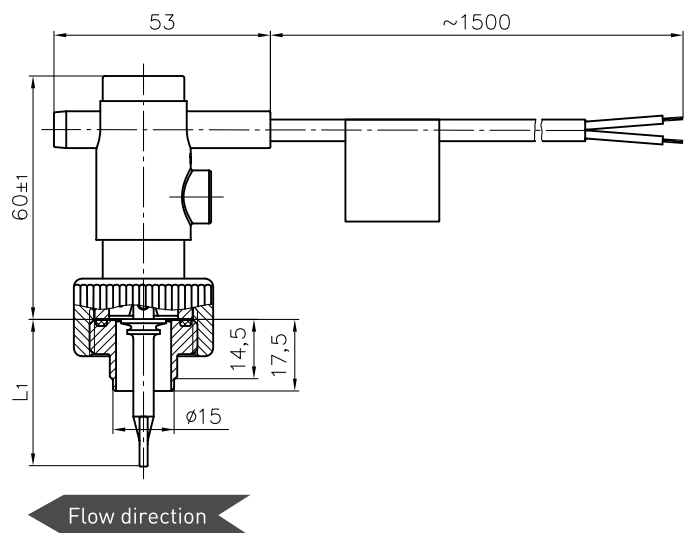
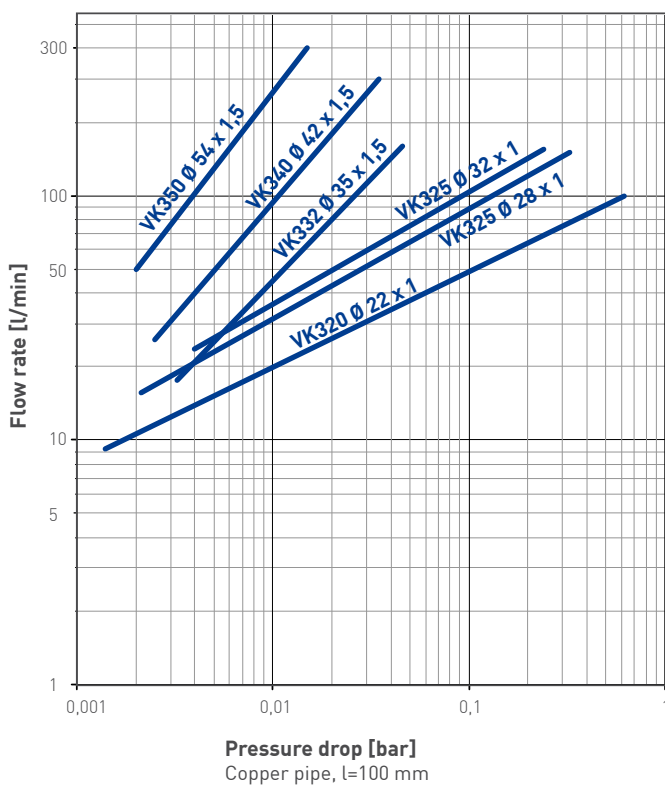
- Special setpoints
- Reversed switching function
- Insertion into *collared copper pipes
- Recognized component ETL according to UL & CSA standards

Setpoint ranges, typical pressure drop and dimensions

Order code	Color union nut	For copper pipes	Setpoints [l/min]*		Max. flow rate [l/min]
			Increasing flow** ON	Decreasing flow OFF	
VK320M0P10PD11	●	∅ 22x1	10.5	9.2	100
VK325M0P10PD11	●	∅ 28x1	17.6	15.7	150
		∅ 32x1	25.7	23.6	155
VK332M0P10PD11	●	∅ 35x1,5	20.0	17.5	160
VK340M0P10PD11	●	∅ 42x1.5	28.0	25.8	300
VK350M2P10PD11	●	∅ 54x1.5	58.3	50.2	400

* Water, 20 °C, horizontal pipe, tolerance ±15 %

** Typical value



Dimensions [mm]

Order code	Paddle length L ₁
VK320M0P10PD11	33.5
VK325M0P10PD11	36.0
VK332M0P10PD11	44.5
VK340M0P10PD11	47.5
VK350M2P10PD11	56.5

Materials in contact with fluid

Body	Noryl PPO GFN3
Paddle	Noryl PPO GFN3
Soldering adapter	Brass CW614N
Magnet	Hard ferrite
O-ring	NBR