

VK3 // for insertion installation



VK3

Your advantages

Series	VK3
	<ul style="list-style-type: none"> • Cost optimized plastic version • Factory set special set points for series applications • Paddle lengths for copper pipes Ø 22...54 • Different colours of the union nut for an easy distinction • 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



Options

For type	On request
VK3	<ul style="list-style-type: none"> → Special setpoints → Reversed switching function → Insertion into collared copper pipes* → Recognized component ETL according to UL & CSA standards

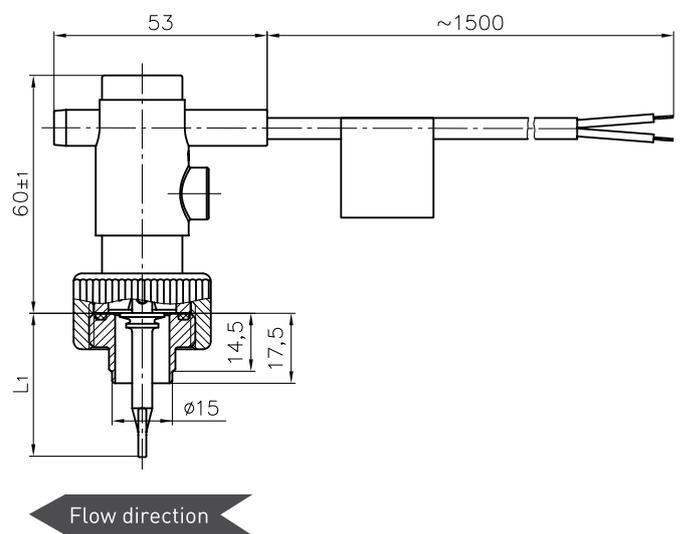
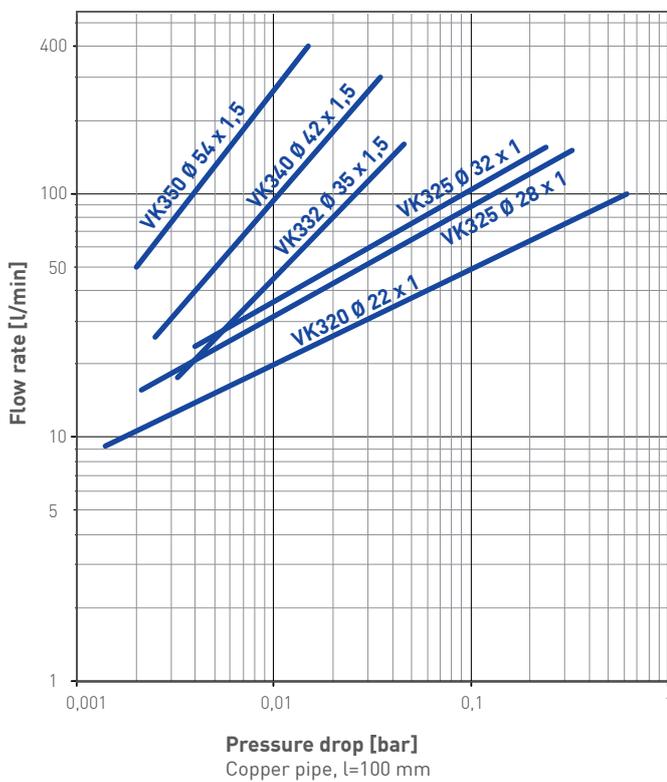
* Set points can differ

Order code						
Type	Color union nut	For copper pipes	Setpoints [l/min]*		Max. flow rate [l/min]	Order number
			Increasing flow ON**	Decreasing flow OFF		
VK320	●	∅ 22x1	10.5	9.2	100	VK320M0P10PD11
VK325	●	∅ 28x1	17.6	15.7	150	VK325M0P10PD11
		∅ 32x1	25.7	23.6	155	
VK332	●	∅ 35x1.5	20.0	17.5	160	VK332M0P10PD11
VK340	●	∅ 42x1.5	28.0	25.8	300	VK340M0P10PD11
VK350	●	∅ 54x1.5	58.3	50.2	400	VK350M2P10PD11

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

** Typical value

Typical pressure drop



Dimensions [mm]	
Type	Paddle length L ₁
VK320	33.5
VK325	36.0
VK332	44.5
VK340	47.5
VK350	56.5

Materials in contact with fluid	
Body	PPE+PS Noryl™ 30 % glass fibre reinforced
Paddle	PPE+PS Noryl™ 30 % glass fibre reinforced
Soldering adapter	Brass CW617N
Magnet	Hard ferrite
O-ring	NBR