

Flow switches // VKX15

With pipe tee



Highlights

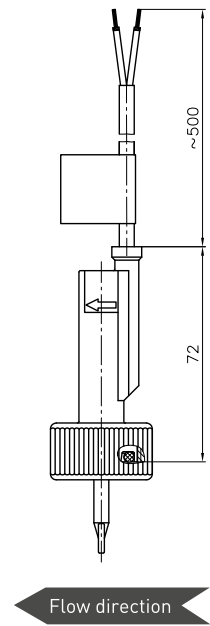
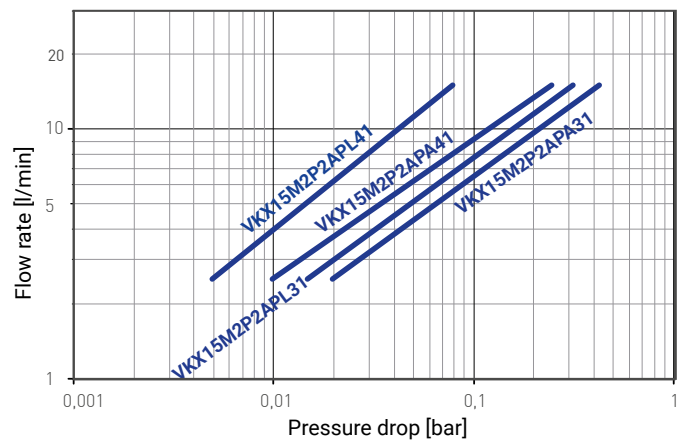
- Cost optimized version
- Pipe tee with threaded or soldering ends

Technical data	
Switching function	Contact closes at increasing flow
Setpoint	2.5 ±0.5 l/min*
Max. flow rate	
→ Pipe tee G½ male	40 l/min
→ Pipe tee G¾ male	40 l/min
→ Pipe tee 15 mm soldering connection	40 l/min
→ Pipe tee 22 mm soldering connection	34 l/min
Nominal diameter	DN 15
Pressure rating	PN 10
Temperature ranges	
Medium	-20...100 °C
Ambient	-20...70 °C
Electrical data	
Electrical connection	0.5 m PVC jacket cable
Degree of protection EN 60529	IP65
Max. Switching current	Max. 1 A
Max. Rating	Max. 26 VA, 20 W
Max. Switching voltage	230 VAC, 48 VDC or 24 VAC, 42 VDC
Protection class EN 60730-1	Class II or Class III
Approvals	
  Bauart geprüft Sicherheit Regelmäßige Produktions- überwachung www.tuv.com ID 0000069733	

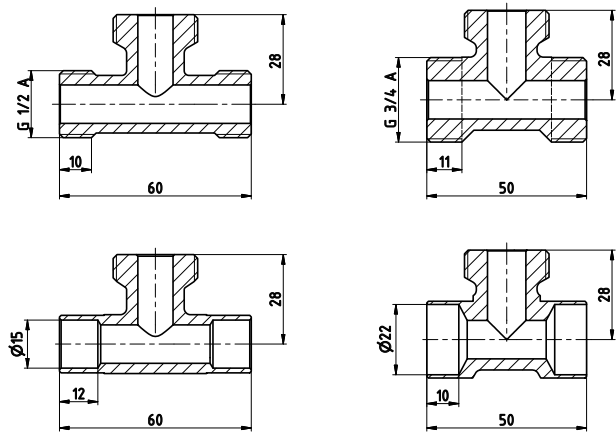
* Water, 20 °C, horizontal pipe, other setpoints on request

Pressure drop // Technical drawings // Materials

Typical pressure drop



Materials in contact with fluid	
Body	PPE+PS Noryl™ 30 % glass fibre reinforced
Paddle	PPE+PS Noryl™ 30 % glass fibre reinforced
Pin	Stainless steel 1.4571
Magnet	Hard ferrite
O-ring	EPDM
Pipe tee	Brass CW617N



Article numbers

Order code			
Type			
VKX15		VKX15M2P2	
Switching voltage			
230 VAC, 48 VDC		AP	
24 VAC, 42 VDC		BP	
Process connection			
Pipe tee G½ male			A31
Pipe tee G¾ male			A41
Pipe tee 15 mm soldering connection			L31
Pipe tee 22 mm soldering connection			L41
Example order code		VKX15M2P2	AP
			A31