

Push-in flow sensors // VTY10



VTY10

Your advantages

Series VTY10

- Low deviation in mass production, fixed pulse rate
- High measuring accuracy
- Low wear and extremely long durability due to high quality bearing
- Compact dimensions, proven in numerous mass production applications

① Push in turbine

Flow range	1...30 l/min
Accuracy	±1 % of range
Repeatability	±1 %
Signal output	From 0.7 l/min
Medium temperature	Max. 85 °C, temporary 95 °C
Nominal diameter	DN 10

Approvals



NSF/ANSI 372
NSF/ANSI 61



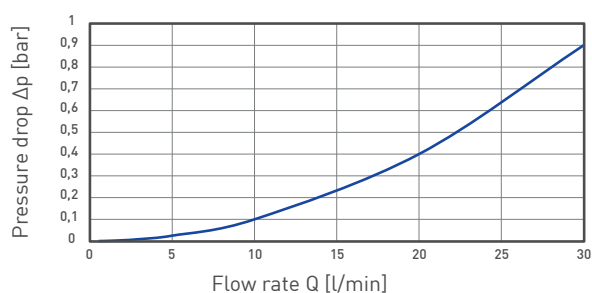
Available for:
VY1030K50000YY

② Hall effect sensor

Nominal pulse rate	495 pulses / l
Frequency output	NPN open collector
Power supply	4.5...24 VDC
Electrical connection	0.5 m PVC cable optional: 1 m PVC cable

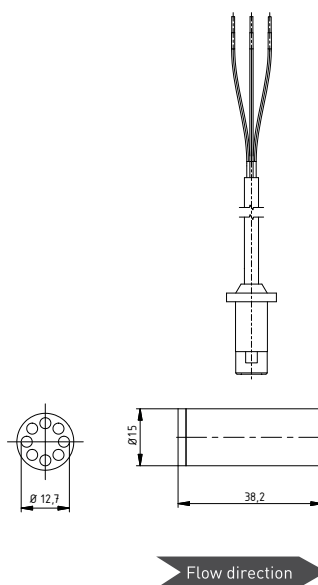
Stated values may vary depending on geometry of fittings.

Typical pressure drop*



* determined in SIKA pipe tee

VTY10



Materials in contact with fluid	
Push in turbine	
Turbine body	PPE+PS Noryl™ 30 % glass fibre reinforced
Rotor	PPE+PS Noryl™ 30 % glass fibre reinforced
Magnet	Hard ferrite
Shaft	Stainless steel / Hard metal
Axial bearing	Sapphire
Radial bearing	PEEK
Adapter sleeve for Hall effect sensor	
Adapter sleeve	PS-ST Xarec® 20 % glass fibre reinforced
O-ring	EPDM

Order code	
Component	Order number
Push in turbine	VY1030K50000YY
Hall effect sensor	
→ 0.5 m PVC cable	VY1030K8HN05YY
→ 1 m PVC cable	VY1030K8HN10YY