

Push-in flow sensors // VHT15



VTH15

Your advantages

Series	VTH15
	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

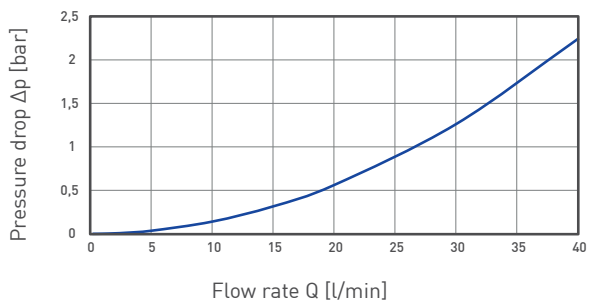
① Push in turbine	
Flow range	2...40 l/min with continuous operation 20 l/m
Accuracy	±1 % of range
Repeatability	±0.2 %
Signal output	From 0.3 l/min
Medium temperature	Max. 85 °C
Nominal diameter	DN 15

② Hall effect sensor*	
Nominal pulse rate	855 Pulse/l
Frequency output	NPN open collector
Power supply	4.5...24 VDC
Electrical connection	1.5 m PVC cable, shielded (T _{max} = 70 °C)
Pressure rating	PN 10
Process connection	Push-in sleeve Ø 15 mm

Stated values may vary depending on geometry of fittings.

* O-ring included

Typical pressure drop*



* determined in SIKA pipe tee

Materials in contact with fluid	
Push in turbine	
Turbine body	PEI ULTEM™
Rotor	PEI ULTEM™
Magnet	Hard ferrite
Shaft	Arcap / Hard metal
Axial bearing	Sapphire
Radial bearing	Sapphire
Hall effect sensor	
Adapter sleeve	PPE+PS Noryl™ 30 % glass fibre reinforced
O-ring	NBR

Order code	
Component	Order number
Push in turbine	AD3004
Hall effect sensor	VT2000

Minimum lot size 50 pieces

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