

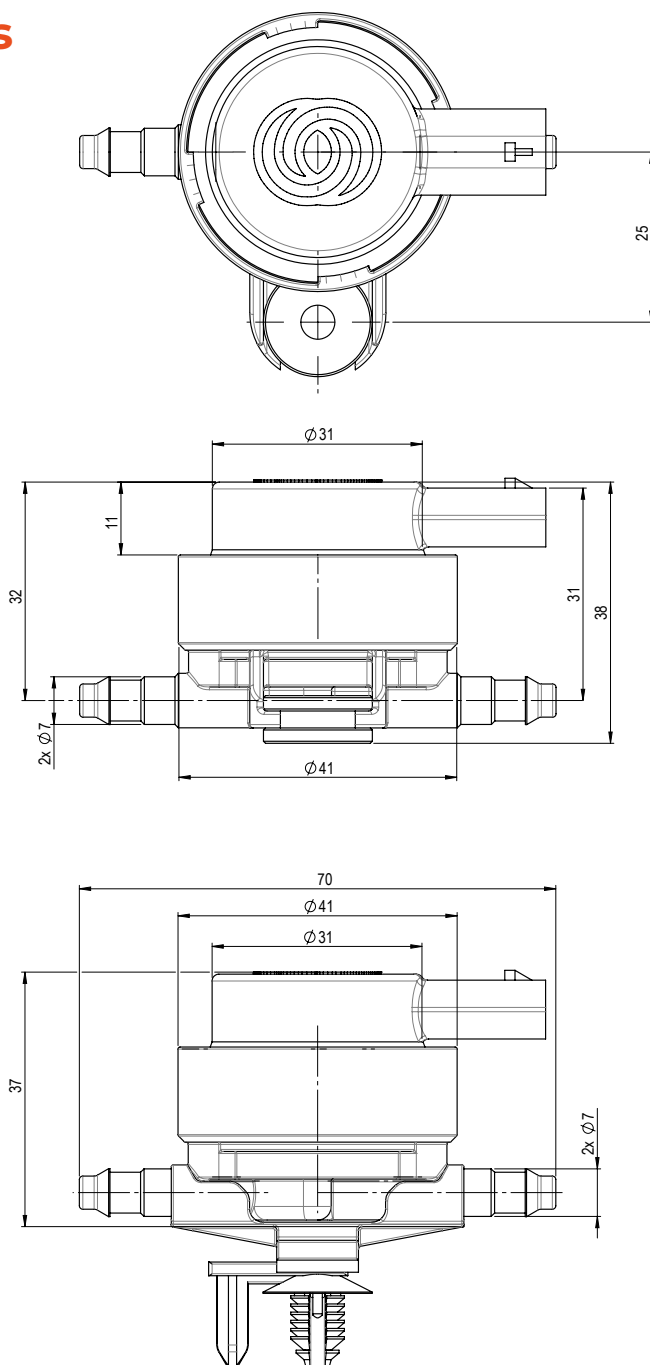
Sensor Cleaning

SPV22

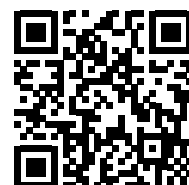
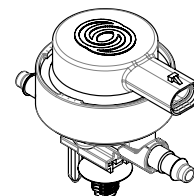
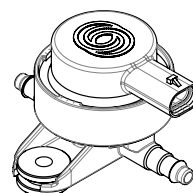
Data Sheet



Dimensions



(1:1)



Technical Data

Valve type	Normally open (NO) and normally close (NC)
Max. working pressure	6.2 bar $\pm$ 0.2 bar
Burst pressure	10 bar
Flow	1.5 l/min @ $\Delta p \leq 0,5$ bar @ 20 °C (water) 210 Nl/min @ pin 4 bar (air)
Leakage	≤ 3 ccm / 24 h for water
Voltage controlled	8 – 16 V
Current / DC	$I_{min} = 0.23$ A, $I_{max} = 0.5$ A (16 V) / DC 100 % tbd
Noise component	≤ 40 dB(A) filled with water, 40 cm distance to microphone
Resistance	$\sim 35 \Omega$
Responsetime on/off	On-time: 35 ms Off-time ≤ 100 ms (linked to outlet restriction)
Temperature range	-40 °C to +85 °C
Operating fluid	Water / Ethanol e.g. 1:1 Air
Durability	Switching cycles = tbd
Protection class	> IP65
Dimension	$\approx \varnothing 40$ mm $\times$ 36 mm
Weight (component) Weight (copper)	$\approx < 70$ g (target for series design), sample ≤ 83 g $\approx \leq 11$ g
Modularity	Planned

