

## PRECISION FUEL FLOW METER

<b>Technical specification</b>	<b>Application:</b> Fuel, Diesel, Water, Drinks and other non-aggressive fluids.
<b>Measurement Principle</b>	Turbine
<b>Sensing principle</b>	Hall-Sensor, Hall-effect
<b>Output: Square wave</b>	NPN Open collector sinking (4 x I / U)
<b>Flow direction</b>	via arrow direction
<b>Flow range LPM</b>	0,3 – 10,0 L/ min. (H <sub>2</sub> O at 20°C)
<b>Nozzle</b>	D= 6 mm integrated
<b>Output Pulses/ Litre</b>	1800 Imp./L, H <sub>2</sub> O 20 °C
<b>Viscosity <math>\nu</math></b>	0...20 mPas
<b>Accuracy (<math>\nu = 1</math> mPas)</b>	+/- 2%
<b>Repeatability of frequency response</b>	+/- 0,5 % (at the same operating conditions)
<b>Continuous-/ Burst in pressure</b>	-0,7- 4 / 16 bar at 22°C
<b>Running temperature</b>	- 20°C ...+ 80 °C
<b>Installation position</b>	any
<b>Port Connection</b>	11 mm Barbed tube fitting
<b>Materials/ Rotor/ Gasket</b>	POM, Rotor= PVDF / O-Ring: FKM
<b>Axle/ Bearing</b>	V4A / 316L, Lager = POM
<b>Voltage supply</b>	5- 24 max. VDC
<b>Output current <math>I_{max}</math>.</b>	25 mA max.
<b>Weight</b>	45 Gramm

