

MMS501

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Outline

This product is a flow sensor using MEMS technology. The product mounts a $\Delta\Sigma$ AD converter with a resolution of 24 bits and outputs a high-accuracy flow rate value as a digital value.

Applications

Air conditioner, Medical equipment

Features

Mass flow rate measurement with thermal flow MEMS Chip.

Main specifications

Caribrated for	Air (no Condensation), Fuel gas
Supply Voltage Range [V]	2.7~3.6
Operating Temperature Range [deg.C]	-20~80
Operating Range	-250~250[L/m]
Current consumption [μ A]	T.B.D
Accuracy	$\pm 5\%RD(10\% \text{ to } 25\%FS)$, $\pm 3\%RD(25\% \text{ to } 100\%FS)$
Resolution	24bit
Conversion Time [ms]	5
Interface	I2C