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# Hot-film mass meter

Determining the air mass reliably and accurately contributes to greater fuel combustion efficiency



## Digital air mass measurement



## high precision

Adapting the air and fuel mass enables efficient fuel combustion.

# ± 2 %

pulsation accuracy for precision measurements (with individual optimization measures)

- ▶ In order to ensure efficient fuel combustion, the amount of injected fuel must always be precisely adapted to the air mass entering the engine cylinder. The hot-film mass air-flow sensor incorporates digital technology that measures the air mass entering the combustion chamber.
- ▶ The modular system allows the integration of additional sensors (moisture, pressure and temperature).
- ▶ The hot-film mass air-flow sensor is available in different function variants, designed as a probe in the cylinder housing or a standalone probe.
- ▶ The cylinder housing can be adapted according to requirements relating to the diameter, length and connection geometry.