



ABB MEASUREMENT & ANALYTICS

Sensyflow FMT700-P Compact

Dynamic and high-precision
measurement of intake air



Sensyflow FMT700-P Compact

Compact and dynamic

Intake air measurement for motor,
turbocharger and fuel cell test benches.



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Complete
measuring section

Integral mount design

- With integrated transmitter
- Space-saving flexible installation
- Electrical connection to the test bench using only one cable
- Low maintenance costs
- Efficient investment

Defined measuring sections

Wide measuring range span of 1:60

Nominal diameters of DN 25 to DN 200

High measuring accuracy $\leq 0.8\%$ of measured value

Selectable output signals

- Analog or digital

Mechanically compatible with Sensyflow FMT700-P

Sensyflow FMT700-P Compact

Application-focused and precise

Tailored to the needs of the automotive industry.

The Sensyflow thermal mass flowmeter FMT700-P Compact is a combination of the proven mass flow sensor from ABB and a new electronic unit set in a compact housing.

This results in significantly improved measurement performance when measuring intake air in motor, turbocharger and fuel cell test benches.

Large measuring ranges span allows to process high air flows in any nominal diameter extending over a range of 1 kg/h to 5000 kg/h. The stated measuring accuracy applies for the complete defined measuring range.

A variety of output signals with adjustable upper range value is provided. All FMT700-P Compact flowmeters are adjusted and calibrated before delivery at ABB's in-house, DAkkS certified calibration lab.



Contact

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