



SAUTER EGP 100.

Measures differential pressure precisely and is easy to fit.



A versatile range of applications combined with absolute accuracy.

Anyone with a commitment to energy efficiency thinks in integrated terms. And anyone who wants to be successful at energy efficiency will also examine every detail of the system. The SAUTER EGP100 incorporates the lengthy experience and quality awareness that we have acquired from devising complete solutions and from developing the instruments required to implement them. This transducer for differential pressure can be used wherever there is a call for pressure monitoring with uncompromising precision. Examples include:

- Air-conditioning
- Medical technology
- Environmental technology
- Laboratories and clean rooms

Precision in every detail: for a complete energy-efficient solution with the **SAUTER EGP100.**



Exceptional requirements? Not a problem.

The accurate measurement of positive, negative or differential pressure in gases has been optimised in the new SAUTER EGP100 so that it can bring all its strengths to bear when monitoring filters, ventilation ducts and ventilation systems – even when the air contains dust or is contaminated with chemicals. Additional benefits include control of frequency converters to regulate ventilation and level monitoring for fluids.

A little large at first sight, but on close inspection it's **just right.**



Sensor

Exact measurement using a double-membrane pressure sensor: this high-calibre sensor will even detect the most minimal air flows or differential pressures. A differential capacitive method of measurement is used to evaluate the differential pressure and make it available in the form of a linear electrical signal. Another advantage of the membrane sensor is that it can be fitted in any position.

Potentiometer

The zero point can be set at any time thanks to the integrated potentiometer. The SAUTER EGP100 is also supplied ex works with a calibration certificate. The variable filter constant ensures that the output signal remains stable when measurement is difficult.

Housing Cover

Opening and positioning is easy. The cover closure with its hook and the latch on the housing cover ensure simple and safe handling for fitting and maintenance. Minimum time and effort are required, and no additional tools are needed. IP 65 is included.

Connection

Servicing is easy thanks to the automatic cable feed, which saves time and expense.

Fitting

The choice is yours. You can mount the SAUTER EGP100 to a wall or onto a top-hat rail as per the DIN standard: both are possible.

