

Wöhler DC 410^{FLOW} Pressure Differential & Flow Meter

TECHNICAL DATA

Differential Pressure

Range..... ± 100 hPa
 Accuracy..... < 3 % of the reading, if the value is < ± 5 Pa, better than ± 0,15 Pa
 Resolution..... 0.01 Pa within the range ± 110 Pa, 0.1 Pa within the range ± 1,000 Pa, otherwise 1 Pa

Air speed

Range..... 0.3 m/s to 120 m/s
 Resolution..... 0.01 m/s
 Continuous density correction: automatic, with temperature signal

Temperature (internal sensor)

Range..... -20 °C to 60 °C
 Accuracy..... < ± 1 °C
 Resolution..... 0.1 °C

External temperature probe

Range..... 2 canals, -20.0 °C to +800.0 °C
 Accuracy..... < ± 2 °C at 0 °C to 133 °C, otherwise 1.5 % of the value, according to the directive EN 50379-2
 Resolution..... 0.1 °C

Relative humidity

Range..... 0 % bis 100 % r.H. (relative humidity), non condensing
 Accuracy..... < ± 2 % r.H., at 0 to 90 % r.H., otherwise < 3 % r.H.
 Resolution..... 0.1 % r.H.

Barometric Pressure

Range..... ± 300 hPa bis 1,100 hPa
 Accuracy..... < ± 1.5 % hPa of reading
 Resolution..... 0.1 hPa

Current consumption 4 AA rechargeable batteries or 4 AA disposable batteries 1.5 volt

Interfaces USB interface for data transfer to a PC. It is possible to transfer the data directly from the meter to the Wöhler TD 600 thermal fast printer.

Operating temperature 5 °C to +40 °C

Dimensions 80 x 225 x 60 mm