

» Features

- › Thermal Anemometer
- › No moving parts
- › Immersion probe
- › Transformer integrated

» Applications

- › Cleanroom Technology
- › Process Technology
- › Compressed-air metering
- › Kilns and Ovens



SCHMIDT[®] Flow Sensor SS 20.01 / 011

- Cooling air monitoring
- Exhaust-air control
- Filter monitoring
- Air volume measurements



- Very compact design
- Transformer integrated
- Small power consumption
100 mA @ 15 VDC
- Protective Coating (version 011)
against aggressive air

SCHMIDT[®] Flow Sensor SS 20.015 / 016

- Laboratory exhaust-air monitoring
- Filter monitoring
- Air-inlet / exhaust-air control
- Laminar-Flow monitoring in cleanrooms



- Optimized aerodynamic design patented barbell design
- Measures smallest flow velocities starting from 0,06 m/s
- Additional Temperature Output
- Consumes only 100 mA @ 24 VDC

SCHMIDT[®] Flow Sensor SS 20.10

- Massflow measuring in fuel-cells
- Volume-flow measurement in test benches
- Filter monitoring
- Air-intake and exhaust-air control



- Robust chamber head
- Small power consumption (60 mA @ 5 V)
- High temperature gradient
- Transformer integrated
- Customized versions possible

SCHMIDT[®] Flow Sensor SS 20.501 / 502

- Laminar-Flow monitoring in cleanrooms
 - Volume-flow control of burners
 - Volume-flow measurement in ventilation ducts
 - Exhaust-air monitoring in laboratories
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- Measures smallest flow velocities starting from 0,06 m/s
 - Measuring ranges up to 35 m/s
 - Standard industry output signals
 - GMP capable
 - All direction sensitive



SCHMIDT[®] Flow Sensor SS 20.501 / 502 remote

- Laminar-Flow monitoring in Filter Fan Units
- Exhaust-air monitoring
- Volume-flow measurements in test benches

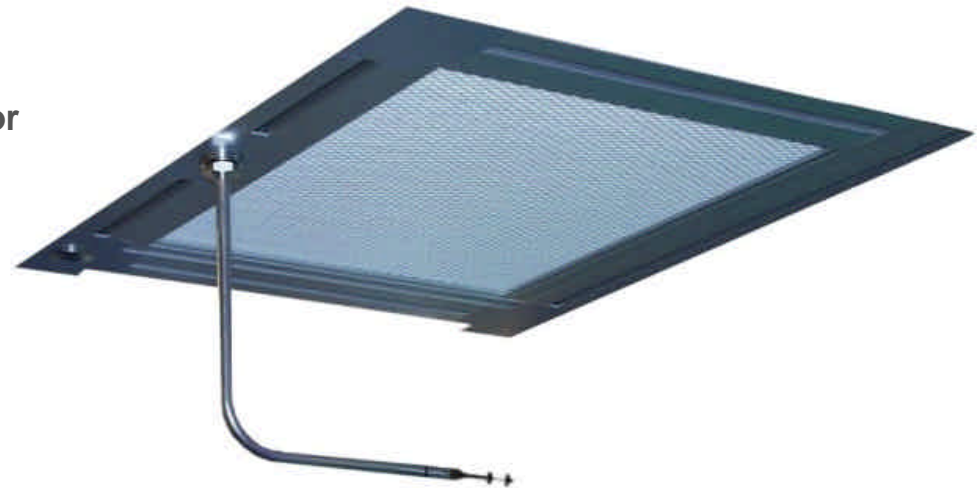


- Remote sensor tip
- For difficult mounting conditions
- Mounting length extensible by using a bushing tube



SCHMIDT[®] Flow Sensor SS 20.515 / 516

- Laminar-Flow monitoring in cleanrooms
- Flow-monitoring in Flow boxes and Isolators
- For Pharmaceutical Industry
Food Processing, Semiconductor
and Chemical industry



- Optimized and easy mounting
- No Adjustment necessary
- Long term signal stability over years
- GMP capable
- Sterilizable with H₂O₂ (Typ 515)
and Alcohols (Typ 516)

SCHMIDT® Flow Sensor SS 20.60

- Compressed-air metering
 - Air-massflow control of burners and combustion engines
 - Nitrogen consumption metering
 - Volume-flow measurements in test benches
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- Immersion Probes in different lengths for tubes from 25 to 800 mm (1 to 32 inches)
 - Real Norm Volume Flow Measurements without additional sensors for pressure and temperature
 - High turn-down ratio
 - Pressure proof up to 16 bar



SCHMIDT[®] Flow Sensor SS 20.60 remote

- Volume-flow measurements of blowers
 - Volume-flow Control of ventilators
 - Measurement of hot drying air
 - Velocity measurements in wind channels
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- Remote sensor tip (3 m cable)
 - For hot air up to 120 °C
 - For atmospheric pressure or small pressures up to 1 bar (op)



SCHMIDT® Panel Meter SS 20.031

- Compressed-air consumption metering
 - On-site Display for burners and kilns
 - Cost center Display
 - Leakage detection
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- Two functions:
 - Actual flow rate in m^3/h
 - Totalized Consumption in m^3
 - Programmable to every tube diameter
 - 8-digit display counts over years
 - Direkt input for Flow Sensor SS 20.60 detachable up to 100 m

