

Short description SS 20.250 OEM

Special version OEM-Sensor based on SS 20.250

Significant differences compared to the standard sensor:

- Only one sensor length > 250mm
- No LED (status indication)
- No temperature output
- 2m cable length
- No AC-voltage supply
- No Auto U/I: Only 0...10V
- No calibration certificate
- 2 Measuring ranges, 0...2,5 m/s and 0...15 m/s
- No coating available
- Packed in plastic foil
- No paper documentation, only digital file as manual
- Only private label (no SCHMIDT Logo)
- Minimum annual amount of 300 pcs. 50 pcs / lot

Technical Data	
Measurement values	Standard velocity w_N of air, related to standard conditions of 20 °C and 1013,25 hPa
Measured media	Air or Nitrogen, other gases on request
Measuring ranges w_N	0 ... 2,5 / 15 m/s
Lower detection limit w_N	0,06 m/s
Measured accuracy w_N	\pm (5 % v. measured value + [0,4 % of full scale; min. 0,05 m/s])
Reproducibility w_N	\pm 1,5 % v. measured value
Response time (t_{90}) w_N	3 s (Jump from 0 auf 5 m/s)
Operating temperature	0 ... + 60 °C
Storage temperature	-20 ... + 70 °C
Medium environment	0 ... 95 % Rel. humidity (RH), no-condensing
Operating pressure	Atmospheric (700 ... 1300 hPa)
Supply voltage U_B	24 V _{DC} \pm 10 % (possible: 11 – 26 VDC)
Current consumption	typ. < 60 mA, 100 mA max.
Analogue output - voltage output	0 ... 10 V ($R_L \geq 10$ k Ω)
Electrical connection	Cable (4pol), 2m, with open cable ends
Cable length	15 m max.
Ingress protection	IP 65
Protection class	III (SELV) or PELV ¹
Material - Sensor tip / Tube	Stainless steel 1.4571, Aluminium anodized, epoxy resin, PBT

Technical Data	
Insertion length L	250 mm
Weight	250 g max.

Price per piece: 155,-€ net

Delivery time: approx. 20 weeks after order confirmation

Provided by the customer: Frame contract with specified measuring range as well as company logo as printing template