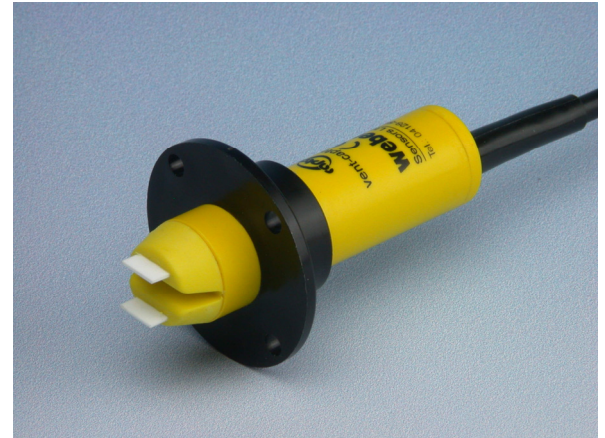


## vent-captor 3201.xx

The vent-captor type 3201.xx is an air flow monitor which is used where air and other gases in industrial processes need to be monitored.

The compact, electronic sensor works according to the calorimetric measuring principle and without mechanically moving parts. It detects the flow velocity of the medium and converts it into an electrical signal.

- small compact unit
- adjustable switching point
- temperature independent
- robust construction (fully resin encapsulated)
- **ISO 9001:2015**

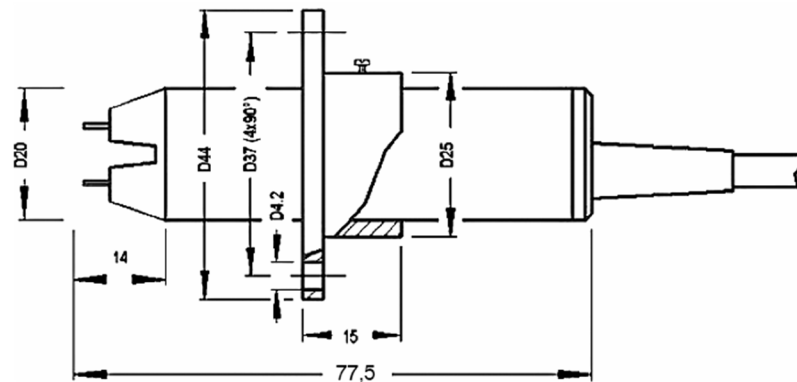


Technical data						
Type	3201.xx					
Medium	gaseous					
Sensor data *1						
Switching range	1 m/s to 10 m/s, continuously adjustable					
Factory setting	approx. 3 m/s					
Medium temperature	-20 °C to +70 °C					
Ambient temperature	-20 °C to +70 °C					
Pressure	with flange: atmospheric, with PG21: max 1 bar					
Response time	min. 3 sec. / max. 100 sec. depends on set-point adjustment					
Temperature drift	< 0.5 % / K					
Repeatability	< 3 %					
Hysteresis	< 30 %					
Mechanical data						
Protection class	IP 64					
Material sensor probe	ceramic					
Material housing	Ultradur (PBTP)					
Mounting accessories	flange (PG21 on request)					
Electrical connection	2 m oilflex cable / 3 x 0.5 mm <sup>2</sup>					
Body dimensions	standard version: 20 x 77,5 mm (D x L) NMA (extended housing): 20 x 92 mm (D x L)					
Electrical data						
Type	3201.00	3201.01	3201.02	3201.03	3201.50	3201.51
Electrical output without flow:	NPN n.c. <b>current-carrying</b>	NPN n.o. <b>currentless</b>	PNP n.c. <b>current-carrying</b>	PNP n.o. <b>currentless</b>	Thyr. n.c. <b>current-carrying</b>	Thyr. n.o. <b>currentless</b>
Operating voltage	24 VDC +10 % / -15 %, Ripple < 20 %				115 VAC or 230 VAC +6 % / -15 %	
Switching current	max. 500 mA				max. 200 mA	
Starting override time	max. 90 sec.					

\*1 all data related to medium air

vent-captor 3201.xx

dimensions



connection diagram

