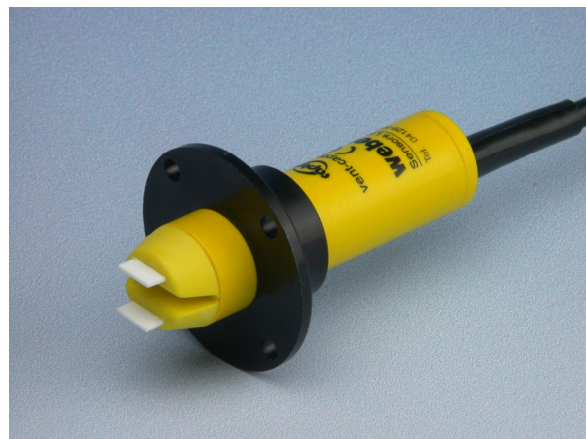


vent-captor 3201.xx

The **vent-captor 3201.xx** is a solid-state flow monitoring device for use in industrial airhandling applications. The vent-captor is a self-contained switch without any mechanical moving parts. The vent-captor can be simply installed by flange into any air flow and performs reliably even under the most harsh environmental conditions.

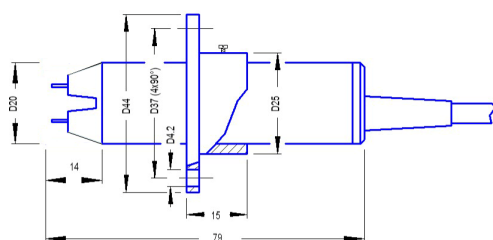
- Precise switching flow monitor for gaseous media
- Set-point adjustable from 1 m/s to 10 m/s
- Operates on the calorimetric principle without moving parts
- Temperature independent
- Universally applicable
- LED-display for output status
- **ISO 9001 : 2008**



Technical Data						
Type	3201.xx					
Medium	gaseous media					
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 s / max. 100 s 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 mm²					
Body dimensions	Standard version: Ø 20 x 77,5 mm (D x L) NMA (verlängerte Form): Ø 20 x 87 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. current-carrying	NPN n.o. currentless	PNP n.c. current-carrying	PNP n.o. currentless	Thyr. n.c. current-carrying	Thyr. n.o. currentless
Operating voltage	24 VDC +10% / -15%, Ripple < 20%				115VAC or 230VAC +6% / -15%	
Switching current	Max. 500 mA				Max. 200 mA	
Starting override time	Max. 90 s					

*1 all data related to medium air

Abmessungen



connection diagram

