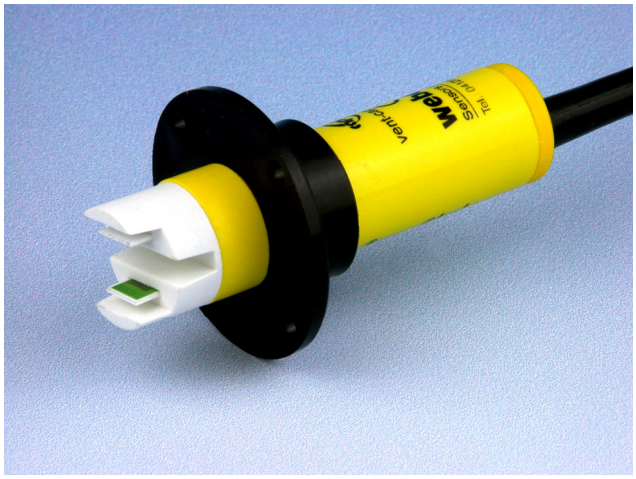
Flow monitor for gaseous media

vent-captor 3202.0x

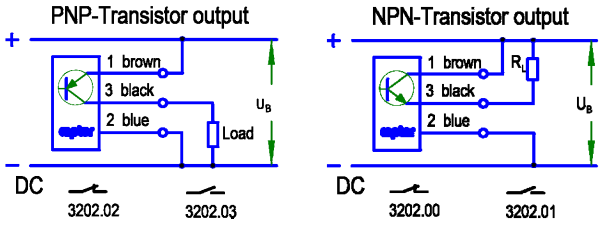
The **vent-captor** 3202.0x is a solid-state flow monitor for air and gaseous media in industrial applications. Being totally encapsulated with no moving parts, this small compact unit operates with high precision and high repeatability in the most harsh industrial environments. The **vent-captor** operates on a new developed measuring method based on the calorimetric principle.

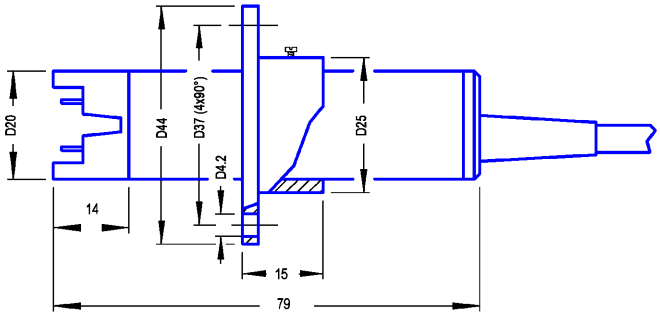


- Compact flow monitor
- Sensor for monitoring air or gaseous media in automation processes
- No moving parts
- Long-life irrespective of switching frequency
- Easy to install
- Set-point adjustable from 0,5 m/s to 20 m/s
- LED-display for output status
- **ISO 9001:2008**

Technical Data	
Type	3202.0-
Medium	Gaseous (aggressive media on request)
Sensor Data[*1]	
Measuring range	0,5 to 20 m/s
Adjustment	continuously adjustable
Adjustment characteristics	Logarithmic to flow speed
Hysteresis	< 20%
Repeatability	< 3%
Medium temperature	-20°C to +70°C
Ambient temperature	-20°C to +70°C
Pressure	With flange: atmospheric, with PG21: max. 1 bar
Temperature drift	< 0,3 % / K
Mechanical Data	
Protection class	IP 64
Material sensor probe	Ceramic with overglaze
Material housing	Ultradur (PBTP)
Electrical connection	2 m moulded oilflex cable 3 x 0,5 mm²
Housing dimensions (DxL)	Standard version: Ø 20 x 79 mm, NMA (extended version): Ø 20 x 89 mm
Electrical Data	
Operating voltage	24 VDC ±30%
Switching current	Max. 200 mA
Consumption	approx. 800 mW - 1,3 W (max. flow)
Starting override time	approx. 30s at 0,5 m/s to approx. 5s at 20 m/s
Electrical output without flow:	3202.00 NPN n.c. 3202.02 PNP n.c. 3202.01 NPN n.o. 3202.03 PNP n.o.

*1 all data related to medium air





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Sensors Ltd. · Strohdeich 32 · D-25377 Kollmar · Tel.: +49 4128-591 · Fax: -593 eMail: info@captor.de