

flow monitor for gaseous media, pressure resistant up to 10 bar



vent-captor 3205.0x

The vent-captor type 3205.0x is an air flow monitor that is used in automation processes or in other industrial applications where air or other gases need to be monitored.

Due to its stainless steel design, the 3205.0x is particularly suitable for use under pressure conditions. The sensor works according to the calorimetric measuring principle, fully electronic and without mechanically moving parts.

- small compact unit
- pressure resistant up to max. 10 bar
- adjustable switch-point
- precision switching
- temperature independent
- stainless steel design
- **ISO 9001:2015**



Technical data			
Type	3205.0x		3205.0x/50
Medium	gaseous (aggressive media on request)		
Sensor data *			
Measuring range	0.3 m/s - 30 m/s		2.0 m/s - 50 m/s
Hysteresis	approx. 0.2 m/s		approx.0.5 m/s
Adjustment	continuously adjustable		
Display output status	LED red / green		
Repeatability tolerance	< 3 %		
Medium temperature	-20 °C - +70 °C		
Ambient temperature	-20 °C - +70 °C		
Pressure	max. 10 bar		
Temperature drift	< 0.3 % per Kelvin		
Mechanical data			
Protection class	IP 64		
Material sensor probe	ceramic with overglaze		
Material housing	stainless steel AISI 303		
Electrical connection	2 m encapsulated oilflex cable / 3 x 0.5 mm²		
Mounting	union nut G 1" A, SW 37 mm (Aisi 303)		
Electrical data			
Operating voltage	24 VDC ±30 %		
Switching current	max. 400 mA		
Power consumption	40 - 140 mA (max. flow)		
Protection circuit	reverse polarity, short circuits and overload protection (ready for operation after correcting the short circuit)		
Starting override time (set-point dependent) Type 3206.0x	on request		
Electrical output at no flow	3205.00 NPN n. c.	3205.02 PNP n. c	
	3205.01 NPN n. o.	3205.03 PNP n. o.	

* All data referring to air

weber

Sensors GmbH Strohdeich 32
Sensors Ltd. 66 Eastbourne Road, Southport
Sensors LLC. 4462 Bretton Court, Building 1, Suite 7

DE-25377 Kollmar
Merseyside PR8 4DU, UK
Acworth, Georgia 30101, USA

Tel.: +49 (0)4128 - 591· Fax: - 593
Tel.: +44 (1704) - 551684 · Fax: - 551297
Tel.: +1 (770) 592 - 6630 · Fax: - 592 6640

www.captor.de
info@captor.de
sales@captor.co.uk
sales@captor.com

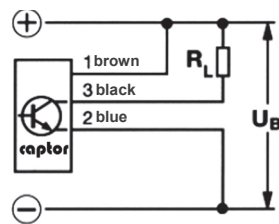
Technical data subject to alteration! Rev. AG 15.12.21

**flow monitor for gaseous media,
pressure resistant up to 10 bar**



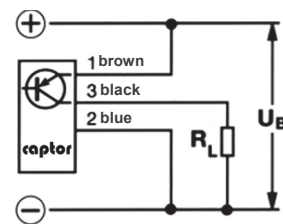
vent-captor 3205.0x

NPN- transistor output

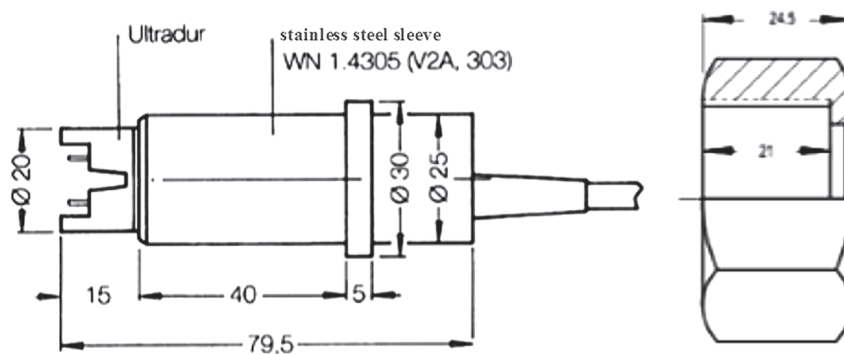


DC
3205.00 3205.01

PNP- transistor output



DC
3205.02 3205.03



weber

Sensors GmbH Strohdeich 32
Sensors Ltd. 66 Eastbourne Road, Southport
Sensors LLC. 4462 Bretton Court, Building 1, Suite 7

DE-25377 Kollmar
Merseyside PR8 4DU, UK
Acworth, Georgia 30101, USA

Tel.: +49 (0)4128 - 591 · Fax: - 593
Tel.: +44 (1704) - 551684 · Fax: - 551297
Tel.: +1 (770) 592 - 6630 · Fax: - 592 6640

www.captor.de
info@captor.de
sales@captor.co.uk
sales@captor.com

Technical data subject to alteration! Rev. AG 15.12.21