

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
Medium	gaseous (aggressive media on request)
Sensor data *	
Measuring range	0.5 m/s - 50 m/s
Adjustment	continuously adjustable
Hysteresis	approx. 0.4 m/s
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 % K
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 mm ²
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	approx. 25 sec.
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

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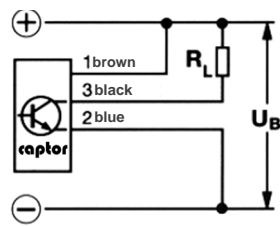
Technical data subject to alteration! Rev. AD 01.03.18

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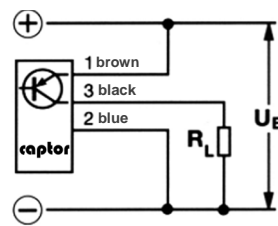
vent-captor 3205.0x

NPN- transistor output

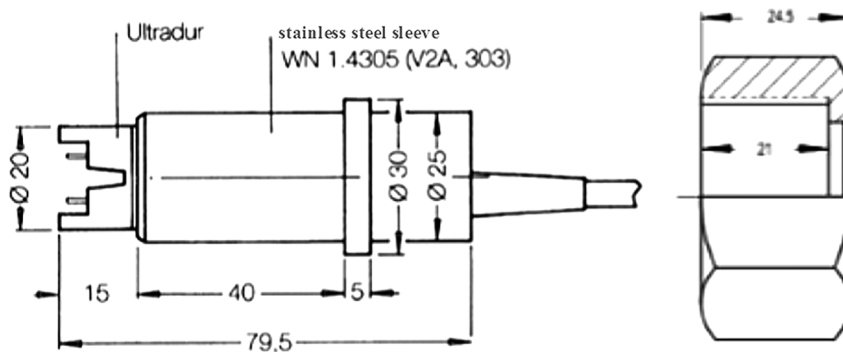


DC
3205.00 3205.01

PNP- transistor output



DC
3205.02 3205.03



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