Flow meter for gaseous media

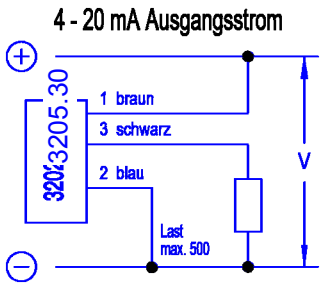
vent-captor 3205.30/xx for compressed air up to 10 bar

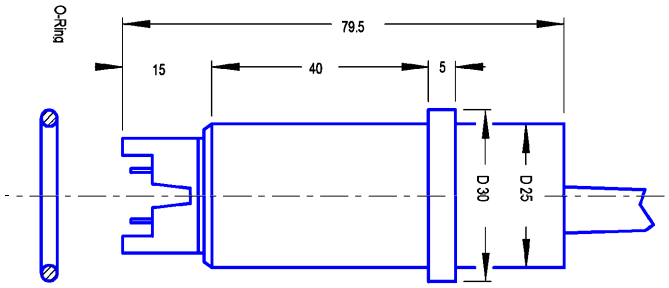
The **vent-captor** 3205.30 is an air flow meter for industrial applications. The vent-captor can be integrated into measurement and control systems without additional components. Its function base upon the calorimetric principle and provides a wide measuring range. This vent-captor in a stainless steel housing is particularly suited for use under pressure conditions up to 10 bar.

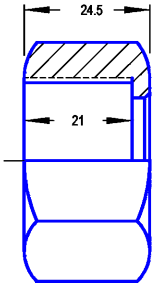
- precise flow meter for gaseous media up to 10 bar
- in robust stainless steel version
- for compressed air up to 10 bar
- adjustable measuring range
- without any moving parts
- linear current output 4-20 mA
- **ISO 9001 : 2008**
- Types/Measuring range:
  /5 : 0-5 m/s, /10 : 0-10 m/s, /20 : 0-20 m/s
  /30 : 0-30 m/s, /40 : 0-40 m/s, /50 : 0-50 m/s

Technical Data	
Typ	3205.30/xx
Medium	gaseous (aggressive media on request)
Sensor Data *[1]	
Measuring range	0-5 m/s, - 10 m/s, - 20 m/s, - 30 m/s, - 40 m/s, - 50 m/s
Adjustable	continuously from 20 - 100% by means potentiometer for zero point and range
Adjustment characteristics	logarithmic to flow speed
Linearity deviation	< 5% best fitting slope
Repeatability tolerance	< 3%
Medium temperature	-20 °C bis +70 °C
Ambient temperature	-20 °C bis +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 WN 1.4305 / AISI 303
Electrical connection	2 m oilflex cable / 3 x 0,5 mm²
Body dimensions	D 20/25x L 79,5 mm
Electrical data	
Operating voltage	24 V DC +/- 30 %
Current output	4 - 20 mA
Load	max. 500Ω

*[1] all data relate to medium air







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