

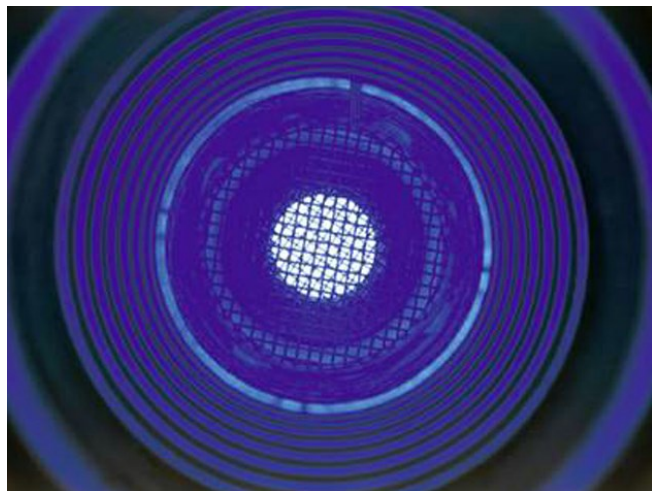
DATASHEET APPLICATION NOTE A066-GP99 - SUB-ATMOSPHERIC

APPLICATION NOTE A066-GP99

Sub-atmospheric

Bronkhorst offers digital MASS-STREAM D-6300 mass flow meters and integrated flow controllers for gases with flow rates from 0,2 up to 5000 l/min Air equivalent.

The CTA (Constant Temperature Anemometry) inline measurement principle incorporates effectively an open pipe allowing mass flow measurement and control also with pressure ratings below 1 bar(a).



Application requirements

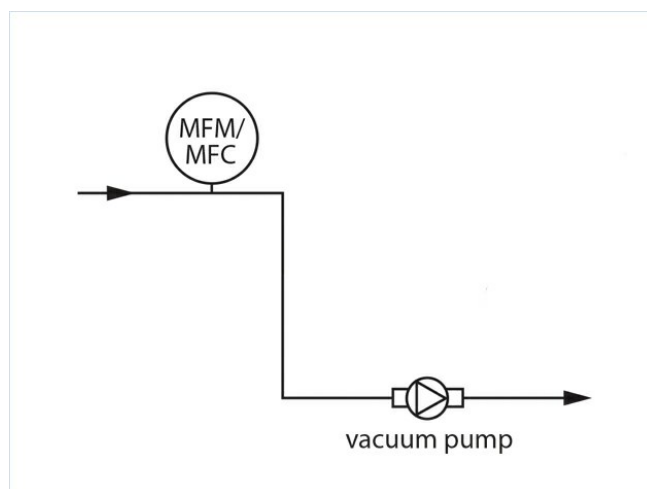
- $P_1 > \text{approximately } 300 \text{ mbar (a)}$
- Integrated valve control with optional valve function 'fails in place' in case of a power failure
- Gas flow suction through the instrument can be generated with a pump
- Process evaluation with a trial unit before final order placement

Industrial sectors

- Process
- Low pressure
- Vacuum
- Testing
- Research

Optional features

- Multi-functional displays
- Additional interface
- Up to 8 calibration curves in one instrument
- Degreased instruments for oxygen applications



Flow scheme

Recommended Products



MASS-STREAM D-6370 MFM

Min. flow 2...100 l/min
Max. flow 10...1000 l/min
Pressure rating up to 20 bar
Rugged sensor and housing (IP65)
Optional integrated TFT display



MASS-STREAM D-6380 MFM

Min. flow 10...500 l/min
Max. flow 50...5000 l/min
Pressure rating up to 20 bar
Rugged sensor and housing (IP65)
Optional integrated TFT display

Would you like to know more?

Stay up to date with the latest developments in high tech with our newsletter.



BRONKHORST (UK) LTD

1 Kings Court

Willie Snaith Road

Newmarket Suffolk CB8 7TG

Tel. +44 1223 833222

sales@bronkhorst.co.uk

