

Specification sheet for MFC/MFM applications

(Please fill in and send to your local Burkert Sales Center via e-mail, fax or regular post together with your inquiry or order)

| | | | |
|--|---|---|---|
| <input type="checkbox"/> MFC-application | <input type="checkbox"/> MFM-application | <input type="text"/> Quantity | <input type="text"/> Desired delivery date |
| Medium data | | | |
| Type of gas (or gas proportion in mixtures) | <input type="text"/> | | |
| Density [kg/m ³] ¹⁾ | <input type="text"/> | | |
| Medium temperature [°C or °F] | <input type="text"/> °F | <input type="text"/> °C | |
| Moisture content [g/m ³] | <input type="text"/> | | |
| Abrasive components/solid particles | <input type="checkbox"/> no | <input type="checkbox"/> yes, as follows <input type="text"/> | |
| Fluidic data | | | |
| Maximum flow Q _{nom} | <input type="text"/> l _N /min ¹⁾ | <input type="text"/> cm _N ³ /min ¹⁾ | |
| | <input type="text"/> m _N ³ /h ¹⁾ | <input type="text"/> cm _s ³ /min (sccm) ²⁾ | |
| | <input type="text"/> kg/h | <input type="text"/> l _s /min (slpm) ²⁾ | |
| Minimum flow Q _{min} | <input type="text"/> l _N /min ¹⁾ | <input type="text"/> cm _N ³ /min ¹⁾ | |
| | <input type="text"/> m _N ³ /h ¹⁾ | <input type="text"/> cm _s ³ /min (sccm) ²⁾ | |
| | <input type="text"/> kg/h | <input type="text"/> l _s /min (slpm) ²⁾ | |
| Inlet pressure at Q _{nom} | p ₁ = <input type="text"/> barg or | <input type="text"/> psig | <input type="checkbox"/> |
| Outlet pressure at Q _{nom} | p ₂ = <input type="text"/> barg or | <input type="text"/> psig | <input type="checkbox"/> |
| Max. inlet pressure p _{1max} | <input type="text"/> barg or | <input type="text"/> psig | <input type="checkbox"/> |
| Pipe run (external-Ø) | <input type="text"/> metric, mm | <input type="text"/> imperial, inch | |
| MFC/MFM-port connection (1/4" 3/4" internal thread or screw-in fitting) | <input type="checkbox"/> without screw-in fitting <input type="checkbox"/> NPT-thread (ANSI B1.2) <input type="checkbox"/> G-thread (DIN ISO 228/1) | | |
| MFC/MFM installation | <input type="checkbox"/> with screw-in fitting <input type="checkbox"/> horizontal, standing valve (standard) <input type="checkbox"/> horizontal, laying valve <input type="checkbox"/> vertical, flow upwards <input type="checkbox"/> vertical, flow downwards | | |
| Ambient temperature | <input type="text"/> °F | | |
| Material data | | | |
| Body material | <input type="checkbox"/> Aluminium (anodised) | <input type="checkbox"/> 303 Stainless steel (1.4305) | |
| Sealing material | <input type="checkbox"/> FPM (Viton) <input type="checkbox"/> EPDM | Other: <input type="text"/> | |
| Electrical data | | | |
| Output/input signal | <input type="checkbox"/> 0–20 mA/0–20 mA | <input type="checkbox"/> 4–20 mA/4–20 mA | <input type="checkbox"/> 0–10 V/0–10 V <input type="checkbox"/> 0–5 V/0–5 V |
| Fieldbus communication | <input type="checkbox"/> Profibus-DP <input type="checkbox"/> DeviceNet | | |
| <input type="checkbox"/> Please quote all pressure values as overpressures with respect to atmospheric pressure [barg] | | | |

¹⁾ at 1.013 bar(a) and 0°C

²⁾ at 1.013 bar(a) and 20°C

Please do not forget to fill in the customer data below

| | |
|-----------------------|----------------|
| Company | Contact person |
| Customer no. | Department |
| Address | Tel./Fax |
| Postcode/Town/Country | E-mail |

In case of special application conditions, please consult for advice.

We reserve the right to make technical changes without notice.

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