

Diaphragm Manifold Valve

Design

A blue and silver FlowLink 25B8041 flowmeter assembly. It features two large blue cylindrical components, likely flow sensors, mounted on a silver-colored metal base. The assembly includes several red caps and a white label with the text "FLOWLINK 25B8041".

Options & Accessories

- High pressure.
- High temperature.
- Hastelloy body for corrosive gases.
- Position indicators for pneumatic operators.
- Security locker for manual toggle.
- Pneumatic fittings.

MF – Series Diaphragm Manifolds

Diaphragm Manifold Valve

Ratings

Specifications

Flow coefficient (1/4")	Cv = 0.2
Orifice size (1/4")	3.5 mm
Flow coefficient (3/8")	Cv = 0.6
Orifice size (3/8")	8 mm

Temperature

Operating 0 °C to 250 °C, depending on the model

Pressure Ratings

Operating Vacuum to 200 bar, depending on the model

Valve Life Expectancy

-
- > 1,000,000 cycles with non-corrosive gas.
 - > 500,000 cycles with corrosive gas (option).
 - > 200,000 for High temperature model (250°C)

Helium Leak Rate

External sealing	<2.10-10 atm cm ³ /s
Internal sealing	<1.10-9 atm cm ³ /s

