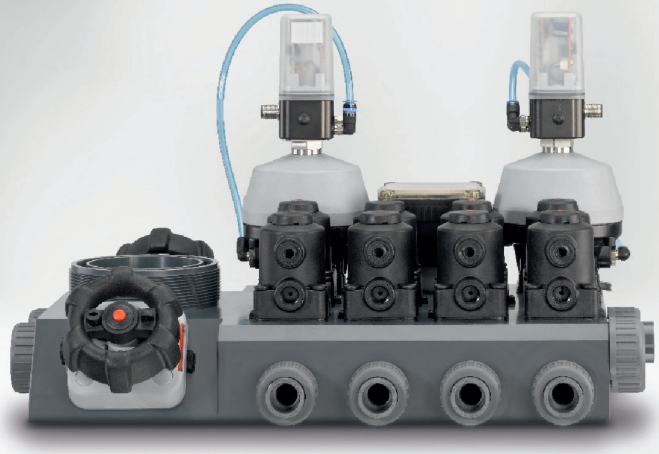
GEMÜ 805

GEMÜ R690

GEMÜ 687



sample configuration of plastic multi-port valve GEMÜ M-Block

Valve solutions for industrial applications

Areas of Application

- Industrial water treatment
- Mechanical engineering and processing industry
- Power generation and environmental engineering
- Chemical engineering

Features

- Depending on diameter and materials of construction, up to 10 bar operating pressure and 100 °C operating temperature
- Good flow characteristics
- All mechanical components are located outside the media wetted area. The working medium only comes into contact with the inner valve body and diaphragm surfaces
- Suitable for higher cycle duties

GEMÜ R677

Manually operated diaphragm valve

The GEMÜ R677 2/2-way diaphragm valve has a low maintenance plastic bonnet and is manually operated. An integral optical position indicator is standard. The High-Flow valve body provides compact dimensions at high flow rates.

Nominal sizes*:	DN 15 - 100
Operating pressure*:	0 - 10 bar
Connection types:	Spigot for solvent cement or weld connection, flange, union end with inserts
Valve body material:	PVC-U, ABS, PP/PP-H, PVDF
Diaphragm material:	NBR, FPM, EPDM, PTFE

GEMÜ R690

Pneumatically operated diaphragm valve

The GEMÜ R690 2/2-way diaphragm valve has a low maintenance membrane actuator and is pneumatically operated. Normally Closed (NC), Normally Open (NO) and Double Acting (DA) control functions are available. The High-Flow valve body provides compact dimensions at high flow rates.

Nominal sizes*:	DN 15 - 100
Operating pressure*:	0 - 10 bar
Connection types:	Spigot for solvent cement or weld connection, flange, union end with inserts
Valve body material:	PVC-U, ABS, PP/PP-H, PVDF
Diaphragm material:	NBR, FPM, EPDM, PTFE

* depending on version and/or operating parameters

GEMÜ 687

Pneumatically operated diaphragm valve

The GEMÜ 687 2/2-way diaphragm valve has a low maintenance plastic membrane actuator and is pneumatically operated. The valve has a metal distance piece. Normally Closed (NC), Normally Open (NO) and Double Acting (DA) control functions are available.

Nominal sizes*:	DN 15 - 100
Operating pressure*:	0 - 10 bar
Connection types:	Clamp, flange, spigot, threaded socket, threaded spigot
Valve body material:	GGG40 with PFA, PP and hard rubber lining. Stainless steel with PFA lining
Diaphragm material:	FPM, EPDM, PTFE

GEMÜ 800, GEMÜ 850

Variable area flowmeters

The GEMÜ 800/850 flowmeters operate according to the variable area principle and have a transparent metering tube. The scale printed onto the metering tube is suited to the medium. Dovetail sections moulded onto the metering tube allow for easy mounting of adjustable visual flow indicators, limit switches and a continuous readout transmitter.

Nominal sizes*:	DN 10 - 65
Variable area principle:	For corrosive, inert, gaseous and liquid media. Corrosion resistant and robust
Tube material:	Trogamid-T, Polysulphone, PVC, PVDF
Measuring range:	From 2 l/h to 20.000 l/h for liquids and 0.2 Nm^3/h to 450.0 Nm^3/h for air

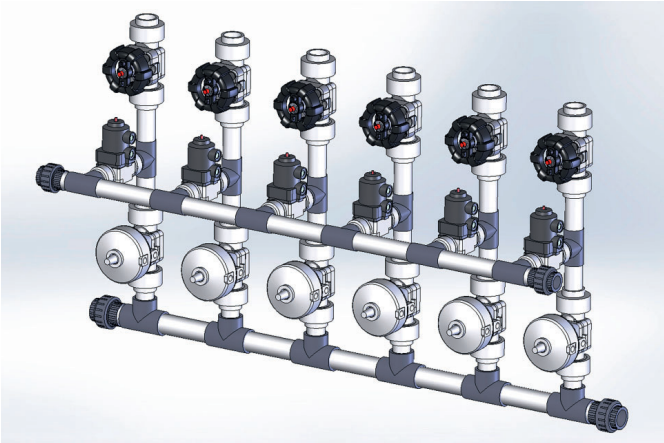
Optional electrical limit switches or instrument sensor.
Connection by metric or imperial union ends with insert

* depending on version and/or operating parameters

GEMÜ M-Block

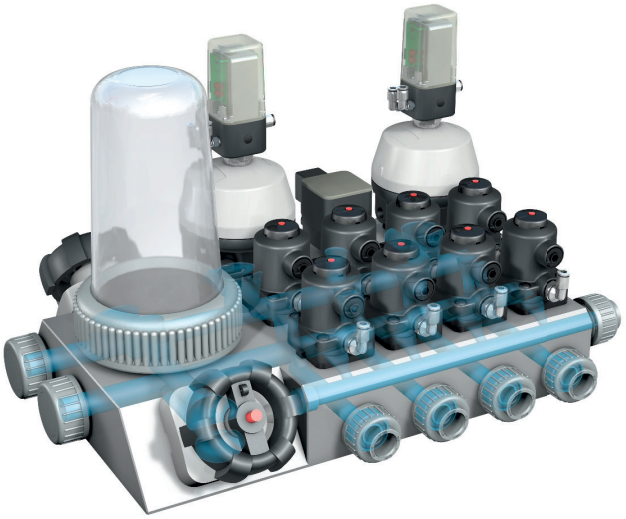
Plastic multi-port valves

Less space required for installation, less connections mean less installation time, less connections reduce risk of leaks.



Features

- Individual, customized and flexible design
- Very compact design, manufactured with several valve seats from a single block of material
- Fewer fittings, welds or solvent cemented joints → fewer potential leakage points
- Lower assembly and installation costs
- Low hold-up volume, smaller wetted area
- GEMÜ modular system with high-quality components (actuators, diaphragms, valve bodies, position indicators, positioner or process controllers) synchronized with each other
- nominal pressure PN 6 or PN 10 (depending on connection type)



Technical specifications

Nominal sizes*:	DN 6 to DN 50
Media temp.*:	-10 to 80 °C
Ambient temp.*:	-10 to 50 °C
Operating pressure*:	0 to 10 bar
Connection types:	Clamp, spigot, threaded socket, union end
Valve body materials:	PP-H, PVC-U, PVDF, other materials on request

* depending on version and/or operating parameters

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