



## Plastic diaphragm valve GEMÜ R690

### Areas of application

- Industrial water treatment
- Chemical processes
- Power generation and environmental systems
- Mechanical engineering and processing industries

### Features

- Same mounting height planes over multiple nominal sizes
- Flow-optimized valve body for compact plant design
- Reduced control air consumption
- Varied optional accessories for measurement and control systems

## Description

GEMÜ R690 has a low maintenance membrane actuator which can be controlled by inert gases. Normally Closed (NC), Normally Open (NO) and Double Acting (DA) control functions are available. All media wetted parts and the actuator housing are made of high-grade plastic materials which can be selected to suit the application.

## Technical specification

- **Media temperature\*:**  
-10 to 80 °C
- **Ambient temperature:**  
-10 to 50 °C
- **Operating pressure\*:**  
0 to 10 bar
- **Nominal sizes\*:**  
DN 15 to 100
- **Connection types:**  
Flange | Spigot | Union end
- **Connection standards:**  
ANSI | ASTM | BS | DIN | EN | ISO | JIS
- **Body materials:**  
ABS | Inliner PP-H, grey / outliner PP, reinforced | Inliner PVDF/outliner PP, reinforced | PP, reinforced | PVC-U, grey | PVDF
- **Diaphragm materials:**  
EPDM | FKM | NBR | PTFE/EPDM
- **Conformities:**  
EAC | FDA | NSF

\* depending on version and/or operating parameters

## Applications

- Reverse osmosis systems
- Waste water purification
- Water filtration systems
- Neutralization systems
- Electroplating

