

# GEMÜ Stroke limiters and seal adjusters, optical position indicators, manual overrides

GEMÜ offers a large range of accessories for pneumatic linear and quarter turn valves.

- **Stroke limiters** are used when actuated valves are not to be fully opened. They are particularly suitable for limiting the maximum flow through a valve.
- **Optical position indicators** for actuated valves indicate the open and closed positions.
- **Manual overrides** offer an operating facility for pneumatic valves in case of a compressed air supply failure.
- **Seal adjusters** are used when actuated valves are not to be fully closed. They are also suitable for setting a minimum flow. We also recommend their use with actuated diaphragm valves, if the operating pressure is low and the control pressure is high. In this case the seal adjuster reduces the compression of the diaphragm on the sealing weir and thus increases the diaphragm service life. In some manually operated diaphragm valves series a seal adjuster is integrated as standard, as the manual closing force may vary considerably depending on the operating personnel.

You can find information on electrical position indicators and combi switchboxes in our data sheets and brochures.

## GEMÜ 1101 / 1104

Stroke limiter

Function: Opening stroke limiter for pneumatic linear actuators of butterfly, diaphragm, globe and control valves

**Basic version:** Stroke limiter, hexagon nut, washer

## GEMÜ 1106

Stroke limiter with seal adjuster with transparent cap

Function: Opening and closing stroke limiter for pneumatic linear actuators of diaphragm, globe and control valves

**Basic version:** Stroke limiter, transparent cap, hexagon nut, washer for GEMÜ 650: stainless steel cap

## GEMÜ 1108

Seal adjuster with optical indicator

Function: Seal adjuster for pneumatic linear actuators of diaphragm, globe and control valves

**Basic version:** Seal adjuster, transparent cap, hexagon nut, washer, o-ring

## GEMÜ 1110

Stroke limiter with transparent cap

Function: Opening stroke limiter for pneumatic linear actuators of ball, diaphragm, globe and control valves

**Basic version:** Stroke limiter, transparent cap, hexagon nut, washer, O-ring

## GEMÜ 1114

Stroke limiter with transparent cap and manual override

Function: Opening stroke limiter with integrated manual override for pneumatic linear actuators of diaphragm, globe and control valves

**Basic version:** Stroke limiter, transparent cap, manual override, hexagon nut, washer, O-ring

## GEMÜ 1151

Stroke limiter with optical position indicator

Function: Opening stroke limiter with integrated optical position indicator for pneumatic linear actuators of butterfly, ball, diaphragm, globe and control valves

**Basic version:** Stroke limiter, indicator spindle with spring, hexagon nut, washer

## GEMÜ 1152

Stroke limiter with optical position indicator

Function: Opening stroke limiter with integrated optical position indicator for pneumatic linear actuators of diaphragm, globe and control valves

**Basic version:** Stroke limiter, indicator spindle and protective cap



## GEMÜ 1161

Stroke limiter with optical position indicator and transparent cap

Function: Opening stroke limiter with integrated optical position indicator and transparent cap for pneumatic linear actuators of diaphragm, globe and control valves

**Basic version:** Stroke limiter, transparent cap, hexagon nut, washer, O-ring

## GEMÜ 1300

Optical position indicator

Function: Optical position indicator for pneumatic linear actuators of butterfly, ball, diaphragm, globe and control valves

**Basic version:** Transparent cap, indicator spindle, O-ring  
**compact design** (right figure): Optical indicator head, spindle, adapter, compression spring

## GEMÜ 1310

Optical position indicator for mounting of proximity switches

Function: Optical position indicator for pneumatic linear actuators of butterfly, ball, diaphragm, globe and control valves  
Indicator spindle with metal core, two mounting brackets for proximity switches (M12x1 or M18x1) can be clamped on

**Basic version:** Transparent cap, indicator spindle, mounting parts (without proximity switches)

## GEMÜ 1002

Handwheel

Function: Manual override with integrated optical position indicator for pneumatic linear actuators of diaphragm, globe and control valves  
**Cannot be used as a seal adjuster!**

## GEMÜ 1450 / 1460 / 1461

NAMUR mounting bracket with handwheel

Function: Manual override with integrated optical position indicator for pneumatic linear actuators of diaphragm, globe and control valves  
**Cannot be used as a seal adjuster!**

**Basic version:** Bracket, spindle, trip cams, handwheel and mounting parts



Please contact our sales team for support in selecting the right accessory from our large range of available versions.

## Ordering note

Please state the exact order key of the GEMÜ valve when ordering.

For further accessories and other products, please see our Product Range catalogue and Price List.  
Contact GEMÜ.

**GEMÜ**® VALVES, MEASUREMENT  
AND CONTROL SYSTEMS

