

GEMÜ LSC limit switch box

GEMÜ LSC Limit switch box for quarter turn actuators

Areas of application

- Pharmaceutical, biotechnology and cosmetics industries
- Foodstuffs and beverages
- Industrial water treatment
- Chemical engineering
- Surface finishing
- Power generation and environmental engineering
- Mechanical engineering and processing industry

Features

- Reliable position feedback
- Adjustable switch point tolerances
- Compact, solid housing
- Can be attached to all quarter turn valves in accordance with the VDI/VDE 3845 standard interface
- Up to four position feedback messages
- Solenoid valve connection, 3D optical position indicator and OPEN/CLOSED LED display optionally available

Description

The GEMÜ LSC limit switch box is suitable for mounting to manually and pneumatically operated quarter turn valves. Using the optical indication, the position of the valve can be reliably detected and indicated accordingly.

Technical specifications

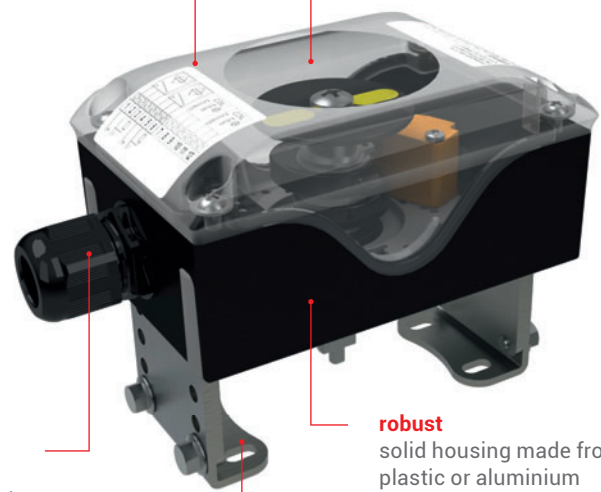
- Ambient temperature*:
-25 to 80 °C
Low temperatures down to -40 °C on request
- Housing materials:
Plastic (PP) or aluminium with mounting kit and shaft made from stainless steel or plastic
- Switching range:
0–90°
- Protection class:
IP 67
- Switch types:
2-wire proximity switch
3-wire proximity switch
4–20 mA feedback
- Switching outputs:
PNP or NPN
- Electrical connection type:
M20 cable gland
M12 plug
NPT threaded connection
- Approvals*:
UL, ATEX/IECEX and SIL

* depending on version and/or operating parameters



sophisticated
housing cover with captive screws

visible
3D optical position indicator and OPEN/CLOSED LED display



flexible
variety of electrical connections available

robust
solid housing made from plastic or aluminium

easy to install
end positions can be set without further tools

versatile
adjustment to all NAMUR sizes

