

Quick Stepper[®] P2G-BASE "RM" -SEAL



- Quick Stepper P2G-BASE-RM-SEAL is a flexible universal control unit for any type of pneumatic rotary actuator mounted on valves with inflatable seal.

With a focus on simplicity of design and ease of use, this automatic pneumatic on/off controller & positioner is perfectly suited for inflatable seals. Using this system saves valuable development time and allows for immediate implementation without the hassle of designing a pneumatic control system from scratch.

This unit is ready to ship, easy to use, and easy to install. Features include:

- Control Box built with power supply (110-230VAC) or 24VDC
- Pressure regulator and pressure gauge: Range 0-4 Bar
- Internal dump valve to release seal air pressure quickly
- LED indicator for pressurized seal
- Easy to mount
- Seal feed-back sensors available:
 - Pressure or Diff. pressure switch
 - Pressure or Diff. pressure transmitter including 2-wire supply



Seal Control Box
With power supply
and LED indicator

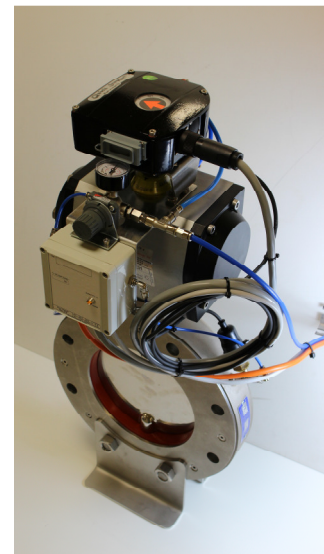


Pneumatic Positioner
Internal Feed-Back
QS-P2G-BASE-RM

Available options:

- ✓ Actual position, mA out
- ✓ Alarm (HI or LO) with hysteresis & timer (4Pcs)
- ✓ Analogue inputs with math functions (2Pcs) & 2-wire supply
- ✓ Anti-jammed/stuck valve algorithm
- ✓ Boost output for big actuators. PosiBoost™
- ✓ Bus Communication. Multiple protocol support
- ✓ Deviation alarm
- ✓ Digital inputs (3Pcs)
- ✓ Digital outputs (3Pcs)
- ✓ Display: Handheld
- ✓ Fail safe stop, open, close, or preset value
- ✓ GPRS-Module for remote access with QSWinLT
- ✓ Integrated PI-controller. PosiCon™
- ✓ Limit switches 2Pcs (Internal or external)
- ✓ Maintenance alert & statistic
- ✓ PC-configuration with QSWin™ LT software, (Free of charge)
- ✓ PosiTight™ to secure closed position for single acting actuators
- ✓ PosiForce™ for ball & throttle valve, optimizing control range
- ✓ Pre-set position from digital input or alarm
- ✓ Time controlled open/close in 2 times zones. PosiRamp™
- ✓ Quick connector IP66 for all electrical connections
- ✓ QS-Lock™, Lock positioner and stop ramp
- ✓ QS-Output Tracking™, Write actual position to ramp set-point after lock
- ✓ QS-Bus Server client OPC-software

Technical Specifications & Dimensions:	
Description:	Data:
Air consumption at rest	No air consumption
Analogue input 1 & 2:	0/4-20 mA DC * 0/1-5VDC * 0/2-10VDC
Connection of electrical signals TB:1 (Ai/DC)	Quick Connector, 7-pole, FM, IP66
Connection of electrical signals TB:2 (Di/Do)	Quick Connector, 7-pole, M, IP66
Dew point/ Dust content supply air	< -40 °C / < 30 µm
Digital in /outputs	Optocoupler / Optocoupler NPN
Enclosure	IP65 / IP66 with bus contact
Material, housing	Cast aluminium, Powder coated
Max flow with booster	2-7 bar - 4000 L/min
Supply pressure / Max flow	2-7 bar / 196 L/min
Supply voltage	24 VDC +/- 10% or 110-230VAC
Temperature limits	-25...+70°C
Threaded connection air supply	R 1/8"
Threaded connection positioner to actuator	R 1/4"
Weight	App. 1,6 kg + 0,65 kg
CE Directives	EMC: EN50 081-2, EN50 082-2



Do more with less!