

## Quick Stepper<sup>®</sup> P2G-BASE "RM-DD"



- Quick Stepper P2G-BASE-RM-DD is a flexible universal control unit for any type of pneumatic rotary actuator mounted on Double Dampers with blocking air.

With a focus on simplicity of design and ease of use, this automatic pneumatic on/off controller is perfectly suited for Double Dampers with blocking air seal. Using this system saves valuable development time and allows for immediate implementation without the hassle of designing the control system from scratch.

This turn-key system is easy to use, and easy to install. Features include:

- Valve control unit P2G-BASE-RM-DD  
Controlling of opening, closing and checking status of blocking air in the valve.  
Including manual override
- Control cabinet with alarms, status indicators and fan control  
Status: Fan Running, Gas Valve Open, Shut down Emergency stop, Ready to start  
Alarm: Seal alarm, Fan alarm, Instrument air pressure low
- Diff. pressure transmitter with montage kit
- System drawing

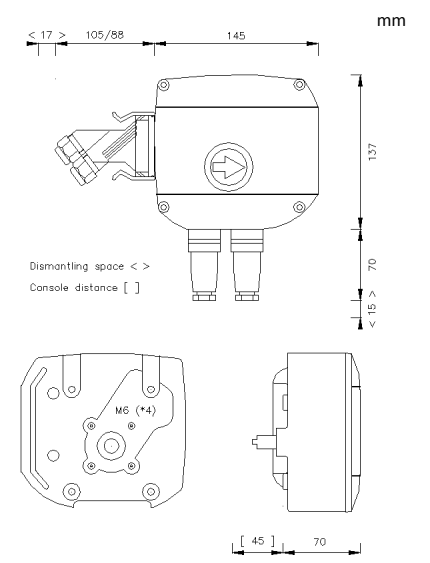


Double Damper Control Unit  
QS-P2G-BASE-RM-DD

### 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	3 x Optocoupler / 2 x Optocoupler NPN
Enclosure	IP66
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 standard version "B0"	24 VDC +/- 10%
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
CE Directives	EMC: EN50 081-2, EN50 082-2



*Do more with less!*