

## Quick Stepper<sup>®</sup> P3G-BASE "RED/LED"



- Quick Stepper P3G-BASE-RED/LED is a flexible universal control unit for any type of pneumatic actuator. (Linear "LED" or rotating "RED"). Designed to solve most functions needed in a control loop.
- The unit can operate as a positioner or a stand-alone controller.
- The unit is very easy to use and can be easily configured by the built in switches, local display or the free software QSWinLT.
- Remote installation gives an easy access for service and maintenance.
- No air consumption saves thousands litres of instrument air per hour.
- Illuminated display shows actual signals for the selected task.
- Mechanical manual override for emergency operation.
- Lots of options are available.

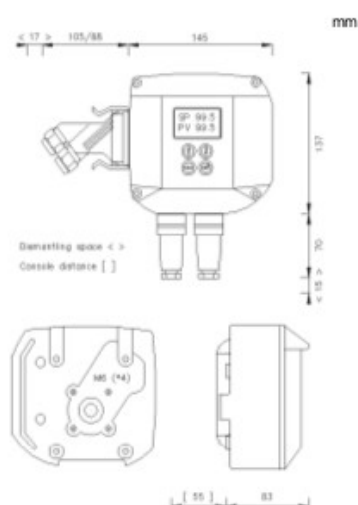


Pneumatic Positioner  
Local Display & Remote Feed-Back  
QS-P3G-BASE-RED/LED

### 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
- ✓ Contactless external feedback (Linear & Rotary)
- ✓ Deviation alarm
- ✓ Digital inputs (3Pcs)
- ✓ Digital outputs (3Pcs)
- ✓ 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 um                  |
| Digital in /outputs                           | Optocoupler / 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. 1,7 kg                         |
| CE Directives                                 | EMC: EN50 081-2, EN50 082-2         |



*Do more with less!*

## Quick Stepper<sup>®</sup> P2G-BASE "RE/LE"



- Quick Stepper P2G-BASE-RE/LE is a flexible universal control unit for any type of pneumatic actuator. (Linear "LE" or rotating "RE").  
Designed to solve most functions needed in a control loop.
- The unit can operate as a positioner or a stand-alone controller.
- The unit is very easy to use and can be easily configured by the built in switches, hand display (option) or the free software QSWinLT.
- Remote installation gives an easy access for service and maintenance.
- No air consumption saves thousands litres of instrument air per hour.
- Mechanical manual override for emergency operation.
- Lots of options are available.

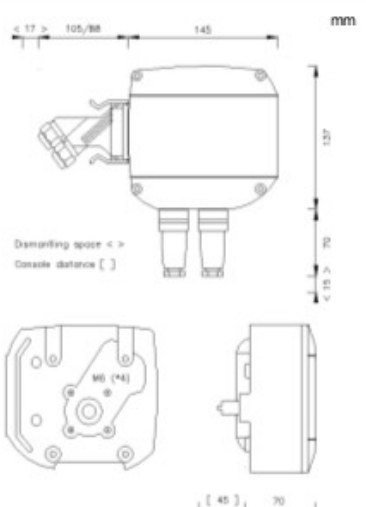


Pneumatic Positioner  
Remote Feed-Back  
QS-P2G-BASE-RE/LE

### 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
- ✓ Contactless external feedback (Linear & Rotary)
- ✓ 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
- ✓ Remote installation of positioner
- ✓ 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 um                  |
| Digital in /outputs                           | Optocoupler / 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         |



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## Positioner Quick Stepper type QP2G Butt Weld ends or Thread ends



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



- Quick Stepper P2G-BASE-RM is a flexible universal control unit for any type of pneumatic rotary actuator.  
Designed to solve most functions needed in a control loop.
- The unit can operate as a positioner or a stand-alone controller.
- The unit is very easy to use and can be easily configured by the built in switches, hand display (option) or the free software QSWinLT.
- No air consumption saves thousands litres of instrument air per hour.
- Mechanical manual override for emergency operation.
- Lots of options are available.



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                                     | 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!*

## Quick Stepper® P2G-LT "RE/LE"



- Quick Stepper P2G-LT-RE/LE is a flexible universal positioner for any type of pneumatic actuator. (Linear "LE" or rotating "RE").
- The unit is very easy to use and can be easily configured by the built in switches.
- No air consumption saves thousands litres of instrument air per hour.
- Mechanical manual override for emergency operation.
- Remote installation gives an easy access for service and maintenance.
- Low cost and easy to use digital positioner.  
Limited options available.

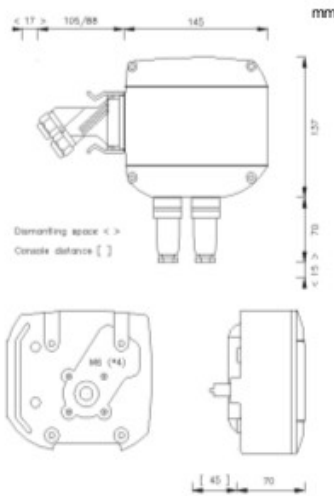


Pneumatic Positioner  
Remote Feed-Back  
QS-P2G-LT-RE/LE

### Available options:

- ✓ Actual position, mA out
- ✓ Contactless external feedback (Linear & Rotary)
- ✓ Fail safe stop, open, close
- ✓ Limit switches 2Pcs (External)
- ✓ PosiForce™ for ball & throttle valve, optimizing control range
- ✓ PosiTight™ to secure closed position for single acting actuators
- ✓ Quick connector IP66 for all electrical connections

| Technical Specifications & Dimensions:        |                                     |
|---|-------------------------------------|
| Description:                                  | Data:                               |
| Air consumption at rest                       | No air consumption                  |
| Analogue input 1:                             | 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 output                                | Only OEM version (NPN)              |
| Enclosure                                     | IP66                                |
| Material, housing                             | Cast aluminium, Powder coated       |
| 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         |



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## Quick Stepper® P2G-LT "RM"



- Quick Stepper P2G-LT-RM is a flexible universal positioner for any type of pneumatic rotary actuator.
- The unit is very easy to use and can be easily configured by the built in switches.
- No air consumption saves thousands litres of instrument air per hour.
- Mechanical manual override for emergency operation.
- Low cost and easy to use digital positioner. Limited options available.

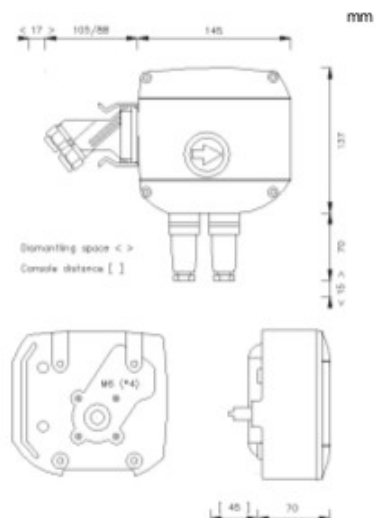


Pneumatic Positioner  
Internal Feed-Back  
QS-P2G-LT-RM

### Available options:

- ✓ Actual position, mA out
- ✓ Fail safe stop, open, close
- ✓ Limit switches 2 Pcs (Internal )
- ✓ PosiForce™ for ball & throttle valve, optimizing control range
- ✓ PosiLight™ to secure closed position for single acting actuators
- ✓ Quick connector IP66 for all electrical connections

| Technical Specifications & Dimensions:        |                                     |
|---|-------------------------------------|
| Description:                                  | Data:                               |
| Air consumption at rest                       | No air consumption                  |
| Analogue input 1:                             | 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 output                                | Only OEM version (NPN)              |
| Enclosure                                     | IP66                                |
| Material, housing                             | Cast aluminium, Powder coated       |
| 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         |



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## Quick Stepper<sup>®</sup> P2G-00 "DA/SA"

- Quick Stepper P2G-00-DA/SA is a flexible universal on/off control unit for any type of pneumatic rotary actuator.
- Integrated indicator and solenoid valve.  
All components can be combined to one compact weather protected unit.
- Two base models are available:  
Double Acting QS-00-DA and Single Acting QS-00-SA
- Mechanical manual override for emergency operation.
- Plug in (IP66) quick connectors

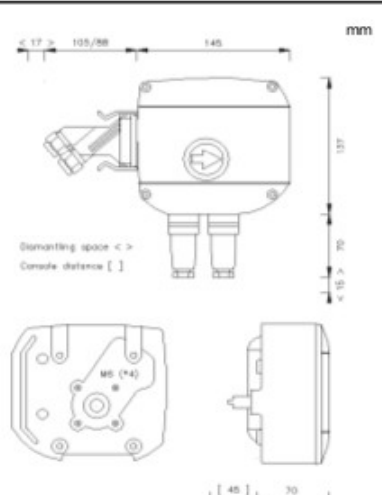


Pneumatic On/Off Control Unit  
QS-P2G-00-DA/SA

### Available options:

- ✓ Actual position, mA out
- ✓ Alarm output
- ✓ Cable entry M20x1.5
- ✓ Fail safe stop, open, close
- ✓ Heater (Built in)
- ✓ Limit switches 2Pcs (Internal)
- ✓ Norsok system 6, Marine Special coating
- ✓ Pressure switch (Built on)
- ✓ QS-Bus interface
- ✓ QS-Bus™ Server client OPC-software
- ✓ Ramp, Controlled Opening/Closing
- ✓ Thermostat (Built in)

| Technical Specifications & Dimensions:        |                                      |
|---|--------------------------------------|
| Description:                                  | Data:                                |
| Air consumption at rest                       | No air consumption                   |
| Control input :                               | 24 VDC <30mA                         |
| Connection of electrical signals TB:1 (DI/DC) | Quick Connector, 7-pole, FM, IP66    |
| Connection of electrical signals TB:2 (Do)    | Quick Connector, 7-pole, M, IP66     |
| Digital output                                | Optocoupler (NPN)                    |
| Enclosure                                     | IP66                                 |
| Heater (Built in)                             | 24VDC < 250mA                        |
| Material, housing                             | Cast aluminium, Powder coated        |
| Supply pressure / Max flow                    | 2-7 bar / 196 L/min                  |
| Supply voltage standard version "B0"          | 24 VDC +/- 10%                       |
| Temperature limits                            | -25...+70°C, Heater (-40°C) Isolated |
| Thermostat (Built in)                         | On <5 °C / Off >15 °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!*