

Quick Stepper[®] Electro Hydraulic Power Pack “H3”

- Quick Stepper Electro Hydraulic Power Pack H3 is a compact control unit for rotary/linear double and single acting actuators where pressurized air is not available. Designed to solve most functions needed in a control loop.
- The unit can operate as a positioner or 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 mechanical relays! SSR outputs assure high resolution and long lifetime.
- Illuminated display shows actual signals for the selected task.
- Manual override for emergency operation and local control.
- Lots of options are available.



Electro Hydraulic Power Pack
Local Display & Remote Feed-Back
H3-FSEH-PPCP

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
- ✓ Bus Communication. Multiple protocol support
- ✓ Contactless external feedback (Linear & Rotary)
- ✓ Deviation alarm
- ✓ Digital inputs (3Pcs)
- ✓ Digital outputs (3Pcs)
- ✓ Emergency operation - Hand pump / Hand gear box
- ✓ Fail safe stop, open, close, or preset value
- ✓ GPRS-Module for remote access with QSWinLT
- ✓ Integrated PI-controller. PosiCon™
- ✓ Limit switches 2Pcs (External)
- ✓ Maintenance alert & statistic
- ✓ PC-configuration with QSWin™ LT software , (Free of charge)
- ✓ PosiForce™ for ball & throttle valve, optimizing control range
- ✓ Pre-set position from digital input or alarm
- ✓ Remote installation or built on actuator
- ✓ Time controlled open/close in 2 times zones. PosiRamp™
- ✓ 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
- ✓ QS-Timeout™, Pump control
- ✓ QS-PosiPump™ Hydraulic pump start/stop/off delay (SSR out 3)

Technical Specifications & Dimensions:		
Description:	Data:	
Analogue input 1 & 2:	0/4-20 mADC * 0/1-5VDC * 0/2-10VDC	<p>Application examples: “Not ATEX”</p> <ul style="list-style-type: none"> ❖ Chemistry and Petro chemistry ❖ District heating plants ❖ Energy and water management ❖ Oil, gas and tank stations <ul style="list-style-type: none"> • Critical fail safe application • Stand alone control • Two speed actuator control <p>The only need of a control signal and main voltage makes the advantages compared to electro-mechanic or pneumatic actuators easy to realize.</p> <p>In addition are the extensive safety functions together with a high control force or torque which can be generated with very good accuracy.</p>
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	
Electrical connection	Quick Connector, 4-pole, FM, IP66	
Control voltage	100–240 V~, 47–63 Hz	
Digital in / outputs	Optocoupler / Optocoupler NPN	
Enclosure	IP66	
Material, housing	Cast aluminium, Powder coated	
Output module	SSR, Ton/Toff time less than 100µs	
Standards of Compliance output module	CE Compliant with LVD 73/23/EEC	
Supply voltage standard version	100–240 V~, 47–63 Hz	
Temperature limits	-25...+40°C	
Weight	App. 11,5 kg	
Dimensions	H=230, W=280,D=110 mm	
CE Directives	EMC: EN50 081-2, EN50 082-2	

Do more with less!