

Handheld Proportional Valve Controller ME7073 (HandPro)

AS9100C & ISO 9001:2008 Certified

Function

The HandPro is an easy to use controller containing a driver, control knob, and power switch. A Lynch driver is inside, allowing it to be used as a troubleshooting tool for quickly jogging a proportional valve. The ME7073 has a power jack input for AC/DC power supply for portability or a local DC power supply can be wired to the module to use the device as a permanent control box.

Features and Benefits

- ➤ Portable handheld device used to quickly setup, test, and evaluate valves.
- Easy to use, intuitive setup.
- ➤ Display shows actual values (replaces need for external meters).
- Extra bright display.
- ➤ Option to use external power supply or AC power supply adapter.
- Mounting holes on enclosure.
- Protection Grade: NEMA 4X.

Operating Instructions

- ➤ Switch on the control box using the ON/OFF switch.
- ➤ Use the Select and Adjust encoder knobs to set parameters of the driver. Please refer to the datasheet provided for the operation of the LE PG X Digital Display Proportional Driver.
- ➤ Use the potentiometer to control and vary the output current to solenoid.



Includes

Internal Lynch DDPDX. ON/OFF power supply switch. Potentiometer control knob.

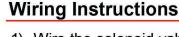
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Component Parts

- 1. PG09 Cable Gland (Solenoid Wiring).
- 2. PG07 Cable Gland (For Optional External Power Supply).
- 3. DC Power Jack (Optional power supply).
- External power supply terminal block (Optional power supply).
- 5. Solenoid Wiring terminal block.



- 1) Wire the solenoid valve coil to the terminal block labeled #5.
- 2) Wire external power supply 9to36VDC to terminal block labeled #4.

OR

Connect Power Supply Adapter to DC power Jack labeled #3

Warning: Do not connect external Power Supply and DC Power Supply Adapter at the same time. Both voltage sources connected may cause damage to the unit.

Power Supply Requirements

- ▶ 9 to 36 VDC.
- Up to 3 Amps (3 Amps required for full current output range).

Additional Requirements for Optional AC Power Adapter:

- > 2.1mm Barrel plug, 11.80mm length
- ➤ Positive centre, negative edge DC plug type. (-)-(--(+)

Optional Accessories Available at Lynch

- ➤ 2 Pin female connector with cable (DIN, Deutsch, Metri-pack connectors, etc.). Custom cable lengths are available upon request.
- Recommended cable: E152A3A1011 (EN 175301-803 (DIN 43650A) 2 pole+,1 meter PVC).

CAUTION

➤ 24VDC, 3Amp AC to DC power supply adapter and power cord.

Contact Us For More Information

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