

# 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.

## Contact Us For More Information

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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).
4. External power supply terminal block (Optional power supply).
5. Solenoid Wiring terminal block.

## Wiring Instructions

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

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