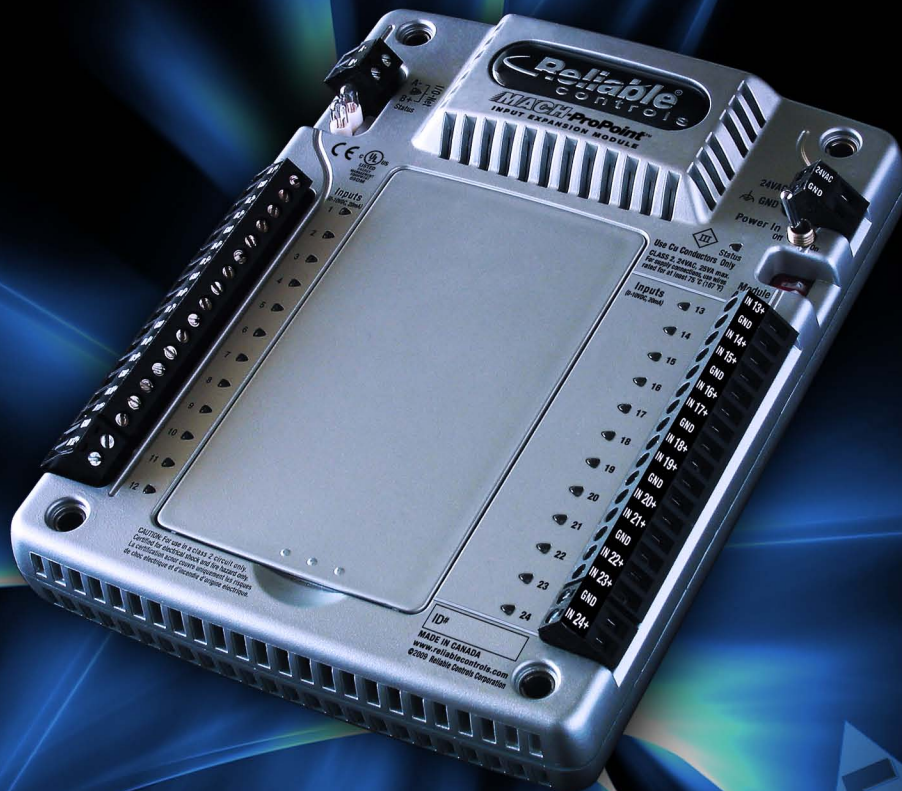


## Maximum input

Maximize the monitoring capacity of any Reliable Controls® MACH-ProCom™ or MACH-ProSys™ controller with this all-input expansion module.



Better by design

## TECH SPECS

### Supply Voltages

- 24 VAC/VDC, 25 VA max.

### Communications

- Dedicated EIA-485 I/O-Net port for communications to host MACH-ProCom™ or MACH-ProSys™ controllers
- Baud fixed at 76.8 kbps

### Universal Inputs

- 24 universal inputs
- 12-bit ADC
- Analog: 0–5 VDC, 0–10 VDC, 4–20 mA, thermistor
- Digital: dry contact
- Impedance:
  - 1 M Ω for 0–5 VDC range
  - 1 M Ω for 0–10 VDC range
  - 250 Ω for 4–20 mA range
  - 20 kΩ pull-up for thermistor/dry contact range
- 150 Hz pulse counting (supports flow meters)
- 24 VAC over-voltage protection

### Dimensions

- 17.9 cm L x 13.7 cm W x 3.9 cm H (7" L x 5 3/8" W x 1 1/2" H)

### Mounting

- #8 clearance holes on 15.6 cm L x 11.0 cm W (6 1/8" L x 4 5/16" W)
- Screw depth 25 mm (1")

### Weight

- 1.0 kg (2.1 lb.)

### Ambient Limits

- Operating: -20 °C to 55 °C (-4 °F to 131 °F)
- Shipping: -40 °C to 60 °C (-40 °F to 140 °F)
- Humidity: 10% to 90% RH non-condensing

## FEATURES

### Superior Design

- Status LED per input, glows proportional to voltage level
- Robust, 45° screw terminal
- Reversible door flips to conveniently show points list

### 24 Inputs

- Universal ranges

### Mounting

- The MACH-ProPoint™ Input expansion module conveniently mounts in the same enclosure as the MACH-ProCom™ and MACH-ProSys™ or mounted at a distance in separate enclosures in the same space

### Warranty

- 5 years

## ORDERING

### MPP-I

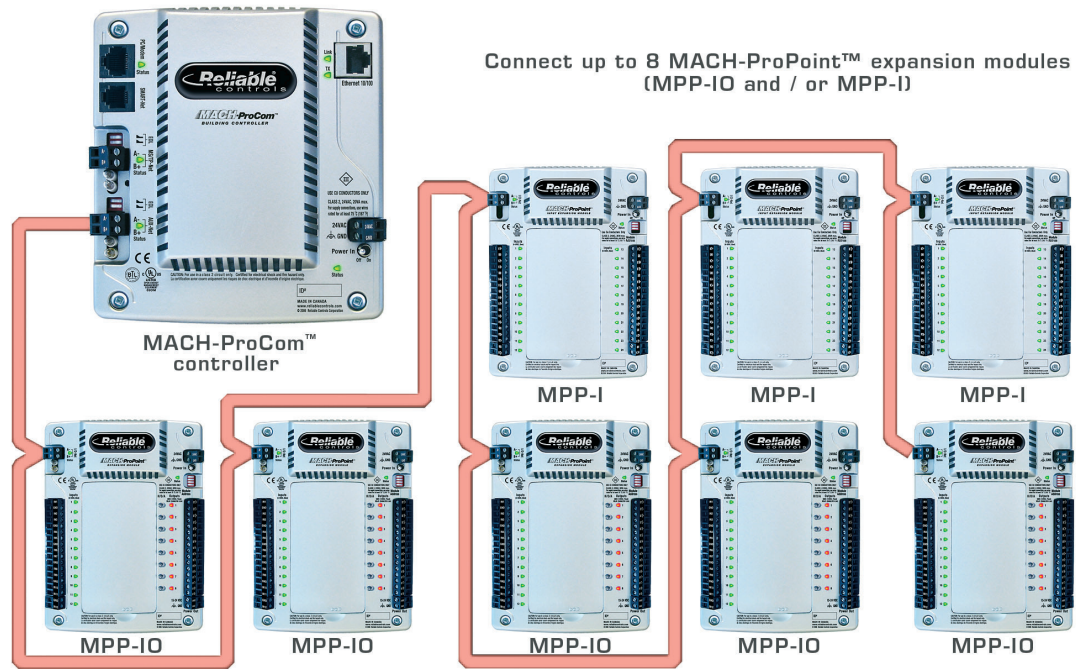
- MACH-ProPoint™ Input expansion module with 24 universal inputs

### MPP-I-DL

- Door lid decal kit for MPP-I

## APPLICATION DIAGRAM

### Expansion Module Layout



Connect up to 8 MACH-ProPoint™ expansion modules (MPP-IO and / or MPP-I)

Connect up to 8 MACH-ProPoint™ expansion modules (MPP-IO and/or MPP-I) with a maximum possible input count of 128, a maximum possible output count of 64, and a maximum total I/O of 160 per controller. Expansion modules are daisy-chained to the I/O-Net port of a MACH-ProCom™ or MACH-ProSys™ in any combination while limiting the total inputs, outputs, and modules below maximum.