

# ICON P49LM1■P■240D DATASHEET

**Model:** P49LM1■P■240D

**Manufacturer:** ICON Electronics

**Description:** Panel■mount loop monitor / indicator for 4■20 mA loops with internal 24 V DC loop supply (■P variant) designed for 240 V mains supply.

<b>Parameter</b>	<b>Specification</b>
Input Signal	0■20■mA or 4■20■mA (selectable)
Supply Voltage	240■V■AC nominal (for “■240D” suffix)
On■board Loop Supply	24■V■DC loop power supply (max ~23■mA)
Display Range	–999 to 9999 (±)
Accuracy	±0.3% of full scale @ 25■°C
Measurement Resolution	20■μA
Relay Output	1 × SPDT Relay, 10■A @ 250■V■AC
Panel Cut■out / Mounting	48■mm × 96■mm typical (panel■mount)
Operating Modes	High/Low alarm, Window comparator, Hysteresis, Delays, Latch option

## Functional Features:

- Front■panel configuration using menu buttons.
- Built■in 24 V loop power for transmitter operation.
- Custom scaling (offset/span) for engineering units.
- Relay logic configurable for hysteresis, delays, latch.
- Designed for industrial 240 V mains applications.

## Ordering Information:

P49LM1■P■240D — Single■relay loop monitor, 240 V AC, built■in 24 V loop power.

Variants: “■P” = 24 V loop supply, “■T” = 4■20 mA retransmit, “■240D” = 240 V version.

## Notes:

- Confirm voltage tolerance and relay contact ratings with manufacturer.
- Verify environmental and mechanical parameters before installation.
- Ensure proper loop wiring polarity and current rating compliance.
- For certification (CE, UL), contact ICON Electronics directly.