



D1 International, Inc.

**DPM6035S/5**  
**DPM6035S/5BL**

## Multi-Symbol 3 1/2 DIGIT LCD METER WITH AND WITHOUT BACKLIGHT

A low-cost precision LCD digital panel meter offers 8 popular, jumper-selectable symbols to display meter function. Choice of single or differential input is also jumper-selectable. Optional LED backlighting allows viewing over a wide range of ambient lighting conditions. Single 5VDC power supply.

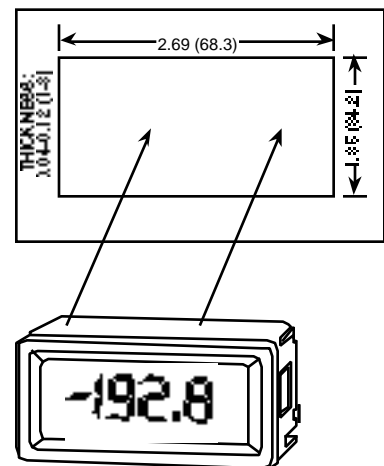
### FEATURES:

- Simple snap-in installation
- Built-in bezel
- Easy-to-read 0.5" LCD digits
- Automatic zero and automatic polarity indication
- Run/Hold
- Jumper-selectable symbol display
- Jumper-selectable decimal point position
- Optional LED backlighting (yellow-green)



### ELECTRICAL SPECIFICATIONS:

DC Input Range:	$\pm 199.9\text{mV}$ , $\pm 1.999\text{V}$ , $\pm 19.99\text{V}$ , or $\pm 199.9\text{V}$ (See Order Chart below)
DC Current Ranges:	19.99mA to 1000 Amps, w/external shunt (Contact D1 International for details)
Accuracy:	0.2% of reading $\pm 1$ count
Symbol Display:	$^{\circ}\text{C}$ , $^{\circ}\text{F}$ , m, A, V, db, % and AC sign: ~ (Jumper-selectable)
Overrange Indication:	"1" @ left of display
Inputs:	Single-Ended or Differential (Jumper-selectable)
Power Supply:	5VDC $\pm 10\%$ @ 2mA, 42mA w/backlight
Low Battery Indication:	Battery symbol @ approx. 4.4VDC
Conversion Rate:	Approximately 2.5 times/second
Operating Temp. Range:	$0^{\circ}\text{C}$ to $+50^{\circ}\text{C}$
Operating Humidity:	Up to 85%, noncondensing
Temperature Coefficient	80 PPM/ $^{\circ}\text{C}$
Weight:	Approximately 1.4 oz. (40g)

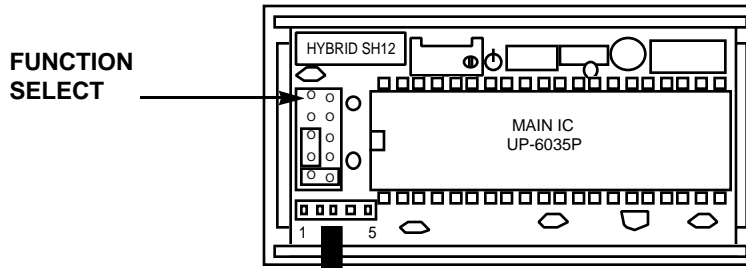


DIMENSIONS IN INCHES (MM)

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# DPM6035S/5 DPM6035S/5/BL



### TERMINAL CONNECTIONS:

1. Input HI
2. Input LO
3. Backlighting: BL Models only  
Connect to Power Supply Minus (-) = ON
4. Run/Hold  
Connect to Power Supply Plus (+) = Hold
5. Power Supply Plus (+)
6. Power Supply Minus (-)

### FUNCTION SELECT

Jumper Pin	OFF	ON
Pin 1: DPM6035S/5/0	±199.9mVDC	±19.99VDC
Pin 1: DPM6035S/5/2	±1.999VDC	±199.9VDC
Pin 2: Input	Differential	Single Ended
Pin 3: Decimal Position	No Decimal Point	199.9
Pin 4: Decimal Position	No Decimal Point	19.99
Pin 5: Decimal Position	No Decimal Point	1.999

Note: Decimal point position is independent of input measuring range.

### ORDERING CHART:

Model No. w/o backlight	Model No. with backlight	DC Measuring Range
DPM6035S/5/0	DPM6035S/5/0BL	±199.9mV
DPM6035S/5/2	DPM6035S/5/2BL	±1.999V
DPM6035S/5/20	DPM6035S/5/20BL	±19.99V
DPM6035S/5/200	DPM6035S/5/200BL	±199.9V

Differential Input: Input LO floating  
Single-Ended Input: Input LO connected to power supply minus (-).

