



GM035-BL



GM035, DH035



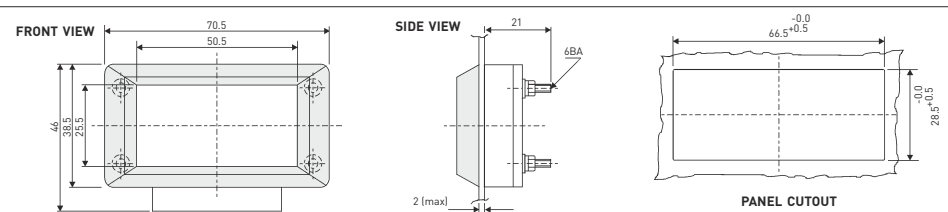
GM135



GM045

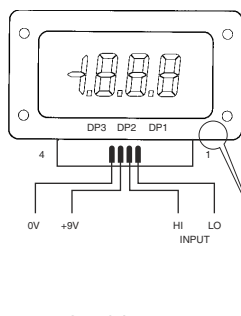
Specifications

- **Measuring Method** 3½ Digit-Dual Slope A/D Conversion
4½ Digit-Successive Integration A/D Conversion
- **Sampling Rate** 2.5 Samples per Second
- **Display Type** 12.4 mm/0.48" Digit Height LCD for GM035, DH035, GM035-BL (with Backlight)
11.0 mm/0.43" Digit Height LCD for GM045
14.2 mm/0.56" Digit Height Red LED for GM135
- **Maximum Display** 1999 counts for 3½ Digit Meters
19999 counts for 4½ Digit Meters
- **Resolution** 0.001 to 1 count for 3½ depending on the range
0.0001 to 1 count for 4½ depending on the range
- **Polarity Indication** " - " is indicated for negative input
- **Decimal Selection** Field Selectable
- **Over Range Ind.** " 1 " or " -1 "
- **Display Stability** Within ± 2 Digits
- **Maximum Overload** Voltage : 1.2 times continuous
Current : 2 times continuous
- **Low Batt. Indication** "LO BAT" in LCD Modules
- **External Start Hold** Provided in Models DH035 and GM045
- **VA Burden (Typical)** Auxiliary : < 20mVA (LCD) & < 1VA (LED)
Voltage : < 0.1VA, Current : < 0.25VA
- **Environment** Calibration : 27°C ± 5°C,
Operating : 0 to 50°C, RH < 70%
Storage : -10 to 60°C, RH < 70%
- **Mounting Bezel** Elegant Black ABS Bezel with 4 fixing screws and necessary hardware
- **Connectors** PCB Edge Connector (Optional)
- **Faceplate** Red Antiglare Lens - LED
LCD Glass - LCD

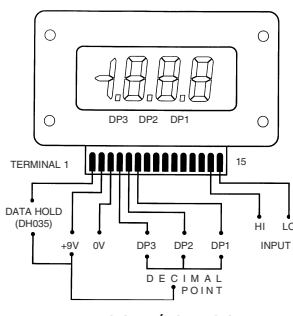
Display / Digits (max.)		3½ Digits, 1999 Counts			4½ Digits, 19999 Counts
Ranges	Input	GM035-BL	GM035/DH035	GM135	GM045
DC	mV			0 - 200 mV	
	V			0 - 2, 20, 200 V	
	µA			0 - 200 µA	
	mA			0 - 2, 20, 200 mA	
Auxiliary Power Supply		Standard : 9VDC ± 10% for GM035, GM035-BL, DH035 and GM045, 5VDC ± 10% for GM135 Note : Power Supply must be Isolated. Supply Ground must not be connected to IN-LO Signal. Please ensure when a shunt is used, it must be connected on Ground / Common side of the load and not on the Supply side.			
Accuracy (Specified at 27 ± 5°C) ± (% FSD + DGT)	VDC		(0.1 + 2)		(0.05 + 2)
	ADC		(0.2 + 2)		
Dimensions (mm)	Front	70.5 x 46			
	Depth (Behind Panel)	21			
	Panel Cut-Out	66.5 (+0.5, -0.0) x 28.5 (+0.5, -0.0)			
	Drawing				

Ordering Information : Model, Input Range & Scale Display

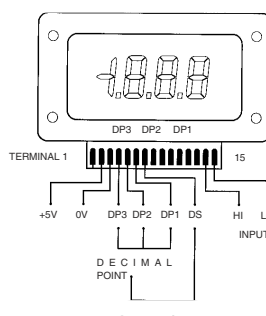
Terminal Connection



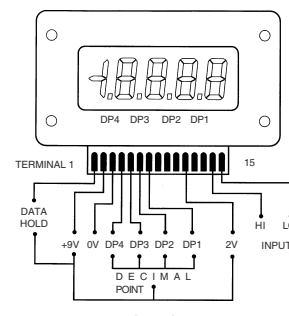
GM035-BL



DH035 / GM035



GM135



GM045

Note : External Start Hold - Provided for GM045 and DH035