



**3½ Professional LED Module  
Model : GM035**



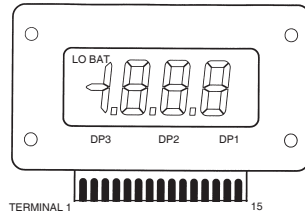
**User Manual**

**Connection Specification**

Terminal	Output	Description
1	BP	Blackplane output
Terminal	Input	Description
2	V+	Positive power supply 9V - 5mA
3	V-	Negative power supply
4	DP3	Decimal point select
5	DP2	The decimal point will show if connected to V+ and will be off if kept floating.
6	DP1	
7-13	N.C.	No Connection
14	In HI	Full scale input if "In HI" is lower than "In LO" display will show negative.
15	In LO	

Note : Power Supply 9V DC must be isolated. Ground should not be connected to input LO signal i.e. pin 3 & 15 must not be shorted.

**Terminal Pin Connection for GM035**



Test Result : S.No. ....

Input					
.....					
Result	OK	OK	OK	OK	OK

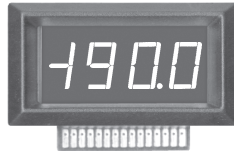
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**GM035 : 28-09-2012**



**3½ Professional LED Module  
Model : GM135**

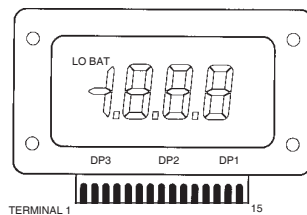


**User Manual**

**Connection Specification**

Terminal	Output	Description
1	BP	Blackplane output
Terminal	Input	Description
2	V+	Positive power supply 9V - 5mA
3	V-	Negative power supply
4	DP3	Decimal point select. The decimal point will show if connected to V+ and will be off if kept floating.
5	DP2	
6	DP1	
7	DS	
8-13	N.C.	
14	In HI	Full scale input if "In HI" is lower than "In LO" display will show
15	In LO	

**Terminal Pin Connection for GM135**



Test Result : S.No. ....

Input .....					
Result	OK	OK	OK	OK	OK

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**GM135 : 28-09-2012**



**4½ Professional LCD Module  
Model : GM045**



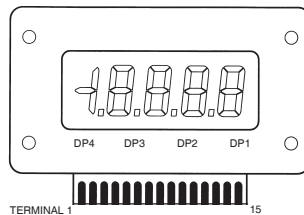
**User Manual**

**Connection Specification**

Terminal	Input	Description
1	Latch/Hold	When floating, A/D converter operates in the free-run mode. When connected to V(+), the last displayed reading is held.
2	V+	Positive power supply 9V DC
3	V-	Negative power supply
4	DP4	Decimal point select. The decimal point will show if connected to V+ and will be off if floating.
5	DP3	
6	DP2	
7	DP1	
8	Continuity	
9,10	N.C.	No Connection
11	Range	When floating select 200mV full scale When connected to V(+), select 2V full scale.
12,13	N.C.	
14	In HI	200mV or 2V full scale input if "In HI" is lower than "In LO" display will show negative.
15	In LO	

Note : Power Supply 9V DC must be isolated.  
Ground should not be connected to input LO signal.

**Connection Specification for GM045**



Test Result : S.No. ....

Input					
Result	OK	OK	OK	OK	OK

Checked by : ..... Date : .....

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**GM045 : 28-09-2012**