Basic Troubleshooting

*LED not displayed
   Check the power source is correct voltage (DC5V)
   and correct polarity.

*Display appears scrambled
   Check that all connections are correct and tight.
   Check that there is no harsh interference nearby.

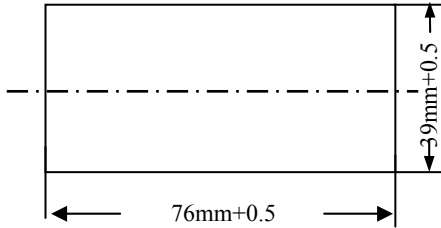***Display 4 or -4**
   Please confirm signal input is a loop when it is voltmeter;
   Please confirm inputting signal is not more than its measuring range.

*A/D chip maybe murdered
   Reading data isn't Zero when shorting voltmeter signal inputting terminals.
   Reading data isn't Zero when ammeter signal inputting is off.

Panel Cutout:

39mm+0.5

76mm+0.5

XL34LCD Series Digital Panel Meter

MANUAL

XIELI

ISO9001-2008 & CE

XL34LCD Series Digital Voltmeter
Power supply DC5V measuring DC voltage/Current

OPERATION SPECIFICATIONS:

Power Supply	DC5V±10% (30mA)
Maximum Count	3999(3 3/4 digit)
Display	LCD display
Operating temperature	0℃~60℃
Storage Temperature	-20℃~80℃
Relative humidity	20%~80%
Dimension	W79mm x H42.5mm x D55mm
Panel Cutout	76mm×39mm
Weight	45~50g
Sample Frequency	400ms
Auto Zero	
Polarity	Automatic Sensing
Data Holding	
Over Range	Display 4 or -4

Can be re-calibrated by adjusting the calibration potentiometer
Easy to install, snap-in/mount in panel
Ideal for auto, boat, industrial, commercial & domestic uses
Decimal Point position can be selected by user

WIRING   DIAGRAM

87654321
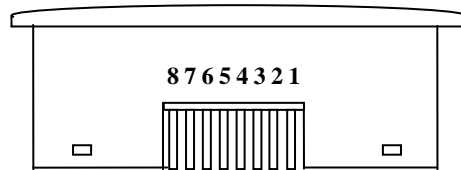
PIN 1	DC5V+ Power supply
PIN2	DC5V- Power supply
PIN 3	Backlighting Control by short PIN 1 & PIN3
PIN 4	Blank
PIN 5	Blank
PIN 6	Data Holding [Short PIN6 & PIN1]

*The data hold control cable must be less than 30cm.

PIN 7	DC + voltage signal input
PIN 8	DC - voltage signal input

*Decimal point adjustment:
**First Open Meter Back Cover
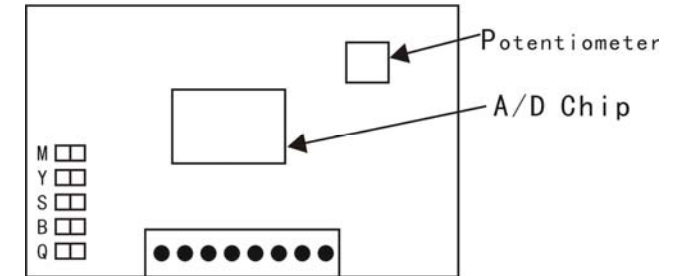
Please soldered M pad if you needn't to display decimal point.
Please soldered Y pad & Cut off M pad if you want display decimal point.
Short S by jumper, Decimal point will display 399.9
Short B by jumper, Decimal point will display 39.99
Short Q by jumper, Decimal point will display 3.999

LCD display DC Voltmeter

Model No.	Range	Resolution	Max. Input	Input Impedance
XL34LCDV-1	+399. 9mV	0.1mV	±5V	100MΩ
XL34LCDV-2	+3.999 V	1mV	±35V	10MΩ
XL34LCDV-3	+39..9 9V	10mV	+250V	10MΩ
XL34LCDV-4	+3.99.9 V	100mV	+500V	10MΩ

LCD display DC Ammeter

Model No.	Range	Resolution	Max. Input	Input Impedance
XL34LCDA-1	± 399.9μA	100nA	± 15mA	1KΩ
XL34LCDA-2	± 3.999mA	1μA	± 50mA	100Ω
XL34LCDA-3	± 39.99mA	10μA	± 150mA	10Ω
XL34LCDA-4	± 399.9mA	100μA	± 500mA	1Ω