

## XL5135V (DC/DC) Series Digital Panel meter

Power supply DC5V measure DC/AC voltage, current

### FEATURES:

- Ultra-bright LED display
- 15.00mm digital height
- Blue/Red/Green displays available
- Measured DC polarity: Automatic
- Auto zero reading for 0A input.
- Low cost high accuracy
- Can be re-calibrated by adjusting the calibration potentiometer
- Easy to install
- The location of the decimal point can be adjusted

### OPERATION SPECIFICATIONS:

Power Supply	DC5V±2%
Power Consumption	150mA
Maximum Count	1999(4 digital)
Accuracy	±0.5%+1 digit
Operating temperature	0°C~60°C
Storage Temperature	-20°C~80°C
Relative humidity	20%~80%
Over Range Indication	Display 1 or -1 on the LED left
Dimension	W79mm x H42.5mm x D25.5mm
Panel Cutout	76mm×39mm
Sample Frequency	400ms

## CONNECTION DIAGRAM:

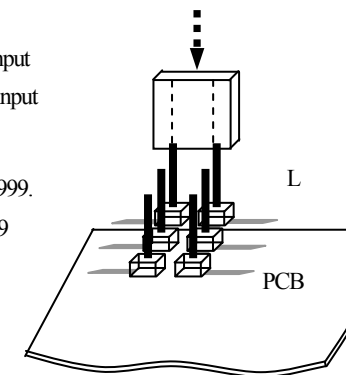
View of PINs with screen facing upwards.



- PIN 1 5VDC +(Anode) Power supply
- PIN 2 5VDC -(Cathode) Power supply
- PIN 3 (Not used)
- PIN 4 + DC(Anode) signal input
- PIN 5 - DC(Cathode) signal input

### Decimal dot Position:

- Decimal position 1999.
- Decimal position 199.9
- Decimal position 19.99



### Basic Troubleshooting

#### LED not displayed

Check that your power supply is correct voltage (5 VDC) and correct polarity.

#### Display appears scrambled

Check that all connections are correct and tight.  
Check that there is no harsh interference nearby.

#### 1 or -1 Displayed

Voltage or current out of range. (protect mode)

Model	Range	Resolution	Max Voltage Input	Accuracy	Input Resistance
XL5135V-1 (DC/DC)	DC199.9mV	100μV	±10V	±0.3%+1digit	100MΩ
XL5135V-2 (DC/DC)	DC1.999V	1mV	±35V	±0.3%+1digit	100MΩ
XL5135V-3 (DC/DC)	DC19.99V	10mV	±250V	±0.3%+1digit	4.5MΩ
XL5135V-4 (DC/DC)	DC199.9V	100mV	±400V	±0.3%+1digit	10MΩ
XL5135V-5 (DC/DC)	DC300V	1V	±500V	±0.5%+1digit	10MΩ

Model No.	Range	Resolution	Max Current Input	Accuracy	Resolution
XL5135A-1(DC/DC)	DC199.9uA	100nA	±15mA	±0.5%+1digit	1KΩ
XL5135A-2(DC/DC)	DC1.999mA	1uA	±50mA	±0.5%+1digit	100MΩ
XL5135A-3(DC/DC)	DC19.99mA	10uA	±150mA	±0.5%+1digit	10MΩ
XL5135A-4(DC/DC)	DC199.9mA	100uA	±500mA	±0.5%+1digit	1MΩ
XL5135A-5(DC/DC)	DC1.999A	1mA	±3A	±1%+1digit	0.1MΩ

Model	Range	Resolution	Max Voltage Input	Accuracy	Resolution
XL5135V-1 (DC/AC)	AC199.9mV	100μV	AC10V	±0.5%+3digit	100MΩ
XL5135V-2 (DC/AC)	AC1.999V	1mV	AC35V	±0.5%+3digit	100MΩ
XL5135V-3 (DC/AC)	AC19.99V	10mV	AC250V	±0.5%+3digit	10MΩ
XL5135V-4 (DC/AC)	AC199.9V	100mV	AC400V	±0.5%+3digit	10MΩ
XL5135V-5 (DC/AC)	AC300V	1V	AC500V	±1%+3digit	10MΩ

Model No.	Range	Resolution	Max Current Input	Accuracy	Resolution
XL5135A-1(DC/AC)	AC199.9uA	100nA	AC15mA	±0.75%+3digit	1KΩ
XL5135A-2(DC/AC)	AC1.999mA	1uA	AC50mA	±0.75%+3digit	100MΩ
XL5135A-3(DC/AC)	AC19.99mA	10uA	AC150mA	±0.75%+3digit	10MΩ
XL5135A-4(DC/AC)	AC199.9mA	100uA	AC500mA	±0.75%+3digit	1MΩ
XL5135A-5(DC/AC)	ADC1.999A	1mA	AC3A	±0.75%+3digit	0.1MΩ

## XL5135V (DC/DC) Series Digital Panel meter

# MANUAL

## DIGITAL PANEL METER

XIELI

ISO9001-2008 & CE

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