

# AC Voltage Transducer with Display



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## CE-DV12-359MUI-0.5

**Output function: display+ analog+ switching value**

**Analog output: 4-20mA; Power Supply: 220V (AC/DC);**

**Case Style: MU1; Accuracy: 0.5**

### Features

High cost performance, good stability, User can easily set the input threshold for output switching value, return difference and delay time to deny input action after a switching value output acted as your requirement

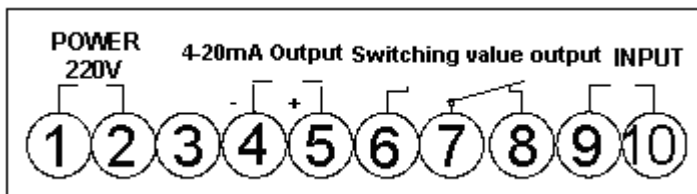
### Specifications

Operating temperature:	-5°C ~ +50°C;
Response time:	<320mS.
Displayed digit capacity:	4 digits.
Maximum display:	9999.
Distinguish ability: Current:	0.001A (measuring range $\geq$ 1A).
Measuring range:	0-600V AC
Load:	< 300 $\Omega$
Switching value output:	one group of terminals, capacity: 5A 250V.
Power consumption	$\leq$ 3.5VA.
Isolation voltage:	DC2.5KV/min. 1mA
Isolation resistance:	$\geq$ 100M $\Omega$

### Case Style & Mounting Dimensions



### Connections Diagrams



### How to set the values

Code	Description	Range of Values
rIdE	To set variable ratio	Multiple of 1(default)
r-rE	To set return difference	10% of rated input(default)
r-nL	To set switching low point alarm value	30% of rated input(default)
r-nH	To set switching high point alarm value	70% of rated input(default)
r-En	To set the mode of switching value alarm	L(default)
E	To exit without saving	-
SAve	To exit with saving	-

1. To entry the setup menu
  - l Under working conditions, to press SET to entry the setup menu.
  
2. To set the variable ratio
  - l On setup menu, please press ← or →,to select “rIdE”
  - l To press “SET” to set the variable ratio
  - l To press →, to select the digital from right to left
  - l To press ←,to change the flickering figure
  - l To press SET, back to the setup menu
  - l On setup menu, press ← or → to select “SAve”, and press “SET”, exit with saving.
  - l On setup menu, press ← or → to select “E”, and press “SET”, exit without saving
  - .
  
3. To set a relay threshold
  - l On setup menu, please press SET, and then you can start to reset.
  - l On setup menu, please press ← or →,to select”r-nL” or”r-nH”
  - l When selecting “r-nL”, press “SET” to enter
  - l When selecting “r-nH”, press “SET” to enter
  - l To press ←, to change the flickering figure.
  - l To press →,to select the digit from right to left
  - l To press SET, back to the setup menu
  - l On setup menu, press ← or → to select “SAve”, and press “SET”, exit with saving.
  - l On setup menu, press ← or → to select “E”, and press “SET”, exit without saving.
  
- 4 To set a return difference
  - l On setup menu , please press ← or → to select “r-rE”
  - l To press SET, and then you can start to reset. The rest steps are same as item 3.
  
- 5 To set the mode of the switching alarm
  - l On setup menu, please press ← or →,to select “r-En”

- l “L ” means the switching low point alarm setting
- l “H” means the switching high point alarm setting
- l “L-H” means the switching high and low points at the same time alarm setting
- l To press “SET” to back to the set menu.
- l On setup menu, press ← or → to select “SAve”, and press “SET”, exit with saving.
- l On setup menu, press ← or → to select “E”, and press “SET”, exit without saving.

### **Notice**

- a) Please connect the terminals of power supply, outputs and input respectively and correctly, never make Wrong connection.
- b) If there is a meter is used to test the output of the transducer , please make sure the accuracy of the meter is higher than the transducer.
- c) While a setting, it will automatically exit without saving any changes if don't press any buttons for 80 seconds.