

## DC leak current transduce

**Model:** YDM-LI□

**Name:**

DC leak current transduce

# DC Leak current Transducer

## 1. Summary

The transducer adopts magnetism adjustment theory to realize non-contact measurement to the small DC. The apparatus have the characters of good stability, high insulation and convenient installation.

## 2. Main technology index

a) Model and parameters:

Model	Input	Output	Accuracy
YDM-LI10	0~±10mA	0~±5V	2.0
YDM-LI20	0~±20mA	0~±5V	2.0
YDM-LI50	0~±50mA	0~±5V	2.0
YDM-LI100	0~±100mA	0~±5V	2.0
YDM-LI200	0~±200mA	0~±5V	2.0

b) Power supply: DC ±12V~±15V

c) Output load:  $R_L \geq 2k\Omega$

d) Static power consumption:  $\leq 500mW$

e) Response time: 200ms

f) Insulating voltage endurance: AC 3kV/min • 1mA in input/output/power

g) Aperture:  $\Phi 30mm$

h) External dimension: 100mm×24mm×74mm

i) Working condition: temperature:  $-10\sim 50^{\circ}\text{C}$  humidity:  $10\sim 90\%$  (no bead)

j) Storage condition: temperature:  $-40\sim 70^{\circ}\text{C}$  humidity:  $10\sim 95\%$  (no bead)

### **3. External dimension**

### **4. Connection**

### **5. Installation**

Install by 35mm width DIN guideway or  $M4\times 12$  bolts.

### **6. Notice**

- 1) The product has reached the clients demand and do not adjust it at random.
- 2) There is little wrap at the first use and the long-time unused. Don't need to adjust and it will be right after 30 min.