SHENZHEN SENSOR ELECTRONIC TECHNOLOGY CO,.LTD.

Voltage power supply user manual

CE-WYS-1（WBE-1）

1 Overview

This product is auxiliary power supply for the electricity isolation transducer, adopts the principle of switching power supply, converts the 220V AC voltage to stable +12V,+15V,+24V, ±12V, ±24V DC voltage output, with advantages of good stability, small ripple, strong anti-interference capability.

2 Case style

Figure1 WYS-1（WBE-1） style

3 Product model

CE-WYS-1/+12V:

output +12V switching stabilized voltage power supply

CE-WYS-1/+15V:

output +15V switching stabilized voltage power supply

CE-WYS-1/+24V:

output +24V switching stabilized voltage power supply

CE-WYS-1/±12V:

output ±12V switching stabilized voltage power supply

CE-WYS-1/±24V:

output ±24V switching stabilized voltage power supply

4 Specifications

Input voltage: 90V～240V.AC/DV

Output voltage: +12V/+15V/+24V/±12V/±15V

Output ripple: ≤10mV

Accuracy: class 0.5 (adopts fiducial error)

Load capacity: 500mA

Operating condition: Temperature: -10～60℃;

Humidity: ≤95% (No dew)

Storage condition: Temperature:-10～65℃;

Humidity: ≤95% (No dew)

5. Connections Diagram

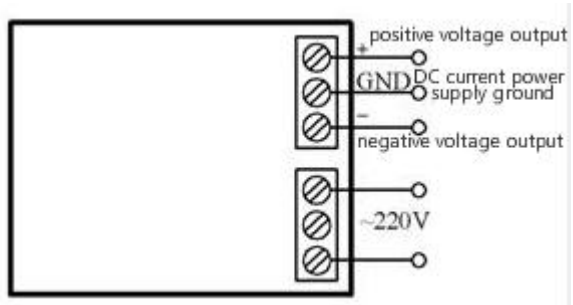

Figure 2, CE-WYS-1 style power supply connection diagram

6 Mounting Diagram

WYS-1 style adopts DIN35 rail mounting size: card slot width 35.5mm;

Screw mounting size: 91 mm×61mm;

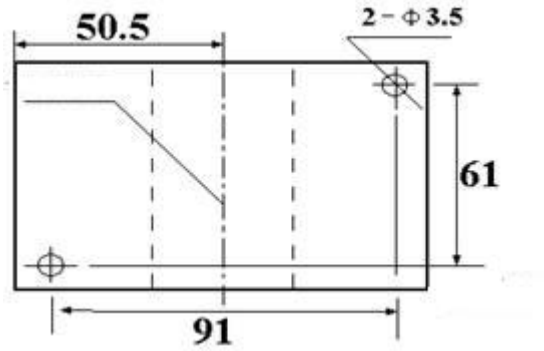

Figure2, product installation drawing

7 Notes

7.1 Please verify the part number and description are correct according to the packing list and product labels.

7.2 Must connect the signal input, output and auxiliary power supply correctly according to corresponding connections diagram of the product model. Confirm there is no mistake then apply power to the transducer.

7.3 The operating condition should without dew, conductive dust and damaged insulation, metal corrosive gases.

7.4 If a group of transducers are mounted together, keep a

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space more than 10mm between adjacent units.

7.5 The transducer's zero point and accuracy have been calibrated before delivery, please do not calibrate casually. If indeed to calibrate, please contact with our company.

7.6 Integrated structure of the transducer, non-removable, and should avoid collision and fall, don't modify or tear off any labels of the product.

7.7 There is no lightning protection circuit inside the transducers. Please adopts lightning protection when the input and output feeders of the transducers are exposed to adverse weather conditions.

7.8 When measuring the voltage or current with the multi meter pen, please screw the terminal screw in the end, otherwise it will influence the voltage or current output measuring value. The terminal block wiring wire diameter ≤ 1.4mm, otherwise it may cause terminal screw slipped.