

## BS-DC-ZDY60 直流电压变送器 BS-DC-ZDY60 DC Voltage Transducer



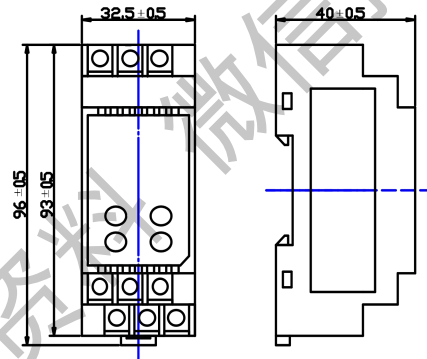
### 一、主要功能与特性 Function and Features:

- ◆ 将直流电压信号转换成所需的直流信号，实现信号之间的电气隔离 To convert dc voltage signal to the dc signal, to realize electrical isolation between the signal
- ◆ 优良的温度特性和长期的工作稳定性结构紧凑，可高密安装 Excellent temperature characteristic and good working stability. Compact structure, high-density installation
- ◆ 准确度高 Configuration compactness

### 二、技术参数 Technical Index:

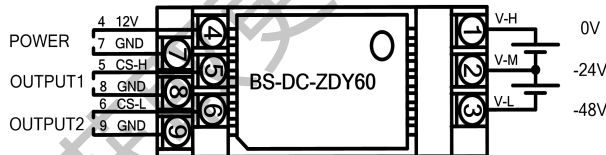
输入参数(DC)input parameters(DC)	0-60V
输出参数(DC)Output parameters(DC)	0~5V; 4~20mA
输出负载 Output load	≥2kΩ (电压型 Voltage output) ≤270Ω (电流型 Current output)
辅助电源 Power supply	DC12V±10% DC12V≤2W
量程 Range	电流型: 0-60 ; 电压型: 0-60
准确度 Accuracy	0.5%
隔离电压 Isolation Voltage	输入与输出间, 输入与电源间: 2.0kV/ min·1mA Between input and out, input and power supply: 2.0kV/ min·1mA
工作环境 Working environment	-10℃-50℃, 20%RH-90%RH 无凝露 Without condensation
储存环境 Storage conditions	-40℃-70℃, 20%RH-95%RH 无凝露 Without condensation
安装方式 Installation	DIN35mm 导轨安装 35mm DIN Sliding-way
外形尺寸 Dimension	96mm×32.5mm×40mm

### 三、产品尺寸图 External Dimensions (单位 Units: mm):



### 四、端子接线图 Terminal connection:

典型接线图 Connection Diagram



注: 7.8.9 端子内部已短接, 外部接线可共用,  
中间点不接, 前半组即测得总电压

Note: 7.8.9 terminals shorted internally, external wiring can be shared,

Do not connect the middle terminal. The first half measures the total voltage.

端子定义图 Terminal Definition

V-H 正极	V-M 中间点	V-L 负极
1	2	3

V-H 正极	V-M 中间点	V-L 负极
1	2	3

12V	V-H前半组	V-L后半组
4	5	6

12V	CS-H 前半组	CS-L 后半组
4	5	6

GND	GND	GND
7	8	9

GND	GND	GND
7	8	9

电压型

电流型

### 五、注意事项 Note:

- 使用环境应无导电尘埃和无腐蚀金属和破坏绝缘的气体存在, 海拔高度小于 2500 米; The operating environment should be without electric dust or gases that corrodes metal or destroys insulation and the elevation should be less than 2500 meters.