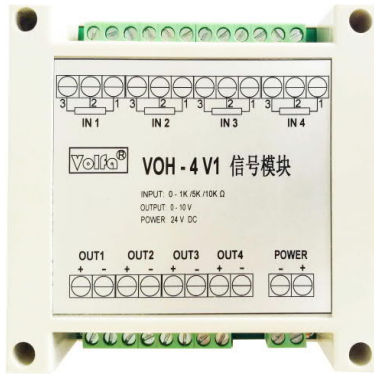


## • Rail-mounted 4-channel signal module VOH-4 series



### ● Features:

#### VOH - 4 Rail-mounted Signal Module

An analog signal conversion module specifically designed for potentiometric displacement sensors and angle sensors.

Standard signals: 0-20mA, 4-20mA, 0-5V, 0-10V output

Full-scale and zero output adjustable (adjustment regulators built-in)

Reverse polarity protection (reverse connection protection), with an internal DC/DC converter for power isolation function.

35mm DIN standard rail mounting saves space.

Plastic housing PA66

Operating temperature: -30 - 70°C

Operating voltage: 18 - 30V DC

Temperature drift coefficient: 30 ppm/K

Linearity: 0.05%

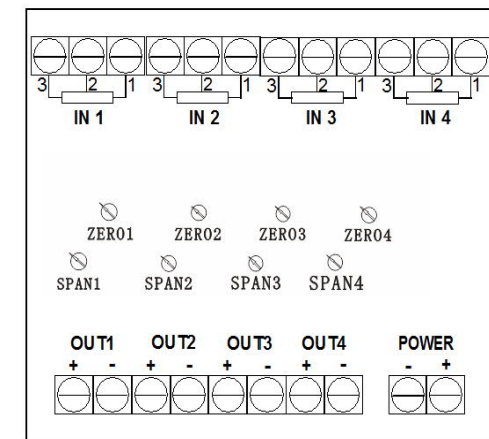
Power consumption: less than or equal to 100 mA

The signal module provides a very stable constant voltage to the sensor. The signal on the sensor's sliding brush can be converted into a standard signal output (current or voltage signal) that is directly proportional to the measured displacement. Each input and output channel is independent of each other.

The circuit of the signal module is encapsulated in an insulating plastic housing (PA66), which can withstand a voltage of AC2500V/Min and can be fixed on a standard DIN EN50222 mounting rail (35mm wide).

The signal module has a wide voltage adaptation range (18-30V DC) and can be directly connected to an unregulated DC power supply. The signal module features excellent linearity, extremely low temperature drift, and a signal processing method that matches the potentiometer, ensuring outstanding performance of the displacement sensor during use. The close connection with the potentiometer guarantees the reliability and anti-interference of the signal even when it is transmitted over a long distance.

### ● Terminal layout details:



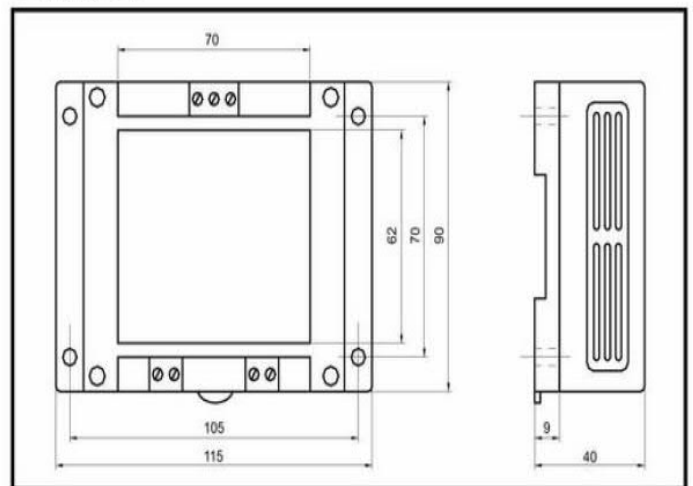
4路 信号输出  
four-channel signal output

电源  
power

4路 传感器输入  
four-channel  
signal output

4路 调节器  
four-channel  
regulator

### ● 外形尺寸 Dimensions of module



### ● Selection instructions:

VOH-4V1	DC0-10V	output
VOH-4V2	DC0-5V	output
VOH-4A1	DC4-20mA	output