

SVD Series

model	SVD	
Spec. @ .25°C		
Nominal input voltage	DC: 0 ~ 300V	AC: 0 ~ 500V
Nominal analog output	0 ~ 5VDC or 4mA~20mA	
Accuracy	0.5%	
Supply voltage	+12V ~ +15V DC ( ±5% )	
Overload capacity	10times/sec. @2XIn	
Zero offset output	≤ 10mV	
Temperature drift	≤ ±2mV / °C	
Linearity	0.1%	
Response time	< 400 μ S	
Isolation voltage	2.5KVrms / 50 Hz / 1Min.	
Current consumption	< 100mA	
Load resistor	≥ 10K	
Operating temperature	0°C ~ +70°C	
Storage temperature	-10°C ~ +85°C	
Mounting	Guideway DIN35	

DESCRIPTION:

SVD series are photoelectricity isolation voltage transducers based on the principle of photoelectric coupling, wherein the output voltage from transducer is linearly proportional to the amplitude of sensed voltage ( DC or AC ) .

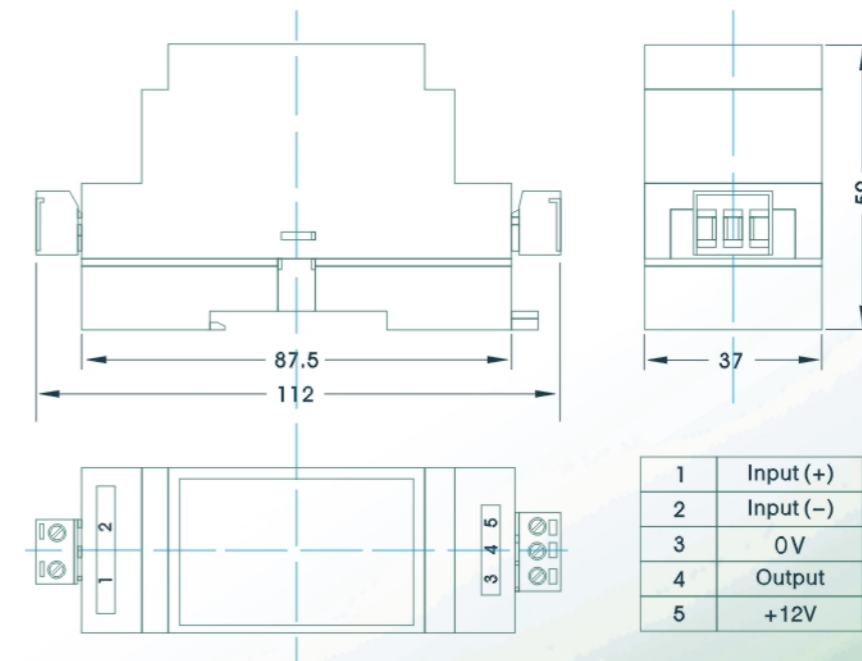
Unipolar supply voltage +12V -- +15V.

FEATURES:

- High accuracy, reliability
- Linear ratiometric output
- Low temperature drift
- Overload protection
- Unipolar supply voltage
- Superior isolation between output and input.

Typical Applications:

- Real-time voltage measuring of DC or AC
- Power grid
- Voltage monitoring of circuits .



Load resistor ≥ 10KΩ : voltage output  
 Load resistor ≤ 250Ω : 4~20mA output

Notes

SV-DC: DC voltage input SV-AC: AC voltage input

Dimension ( mm )