



VMSK

DC Voltage Transducer

Features

- * Electrically isolated among input, output and power
- * Various output/power combo set
- * High accuracy
- * DIN Rail or Panel Mount

Electrical Data

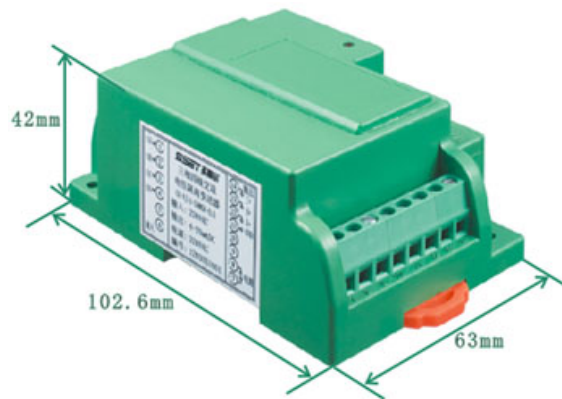
Input Range	0-1V...5000V
* Output	0-5V, 4-20mA, 0-20mA, 0-10V
* Auxiliary Power Supply ($\pm 5\%$)	+12V, +15V, +24V
Offset Voltage	10mV
Auxiliary Power Consumption	2.5W
Isolation Voltage	Between the input and the output is 10KVDC; leakage less than 1mA; duration of 60 seconds; Between the input and the power supply is 10KVDC; leakage less than 1mA; duration of 60 seconds; Between the output and the power supply is 6KVDC; leakage less than 1mA; duration of 60 seconds;
Overload Capacity	2 times full scale
* Output & Auxiliary Power Supply are optional. If customization is needed, please contact SET for details.	

Dynamic Performance Data

Accuracy Grade	0.5%
Linearity	1%
Thermal Drift	100 ppm/ $^{\circ}\text{C}$
Hysteresis Error	10mV
Response Time	300us
Load Capacity	$\geq 2\text{K}\Omega$ (voltage output); $\leq 250\Omega$ (current output)

General Data

Standards	Q/BHD01-2012BH
Flame Retardancy	UL94-V0
Operating Temperature	-20 ~ +60 $^{\circ}\text{C}$
Storage Temperature	-55 ~ +65 $^{\circ}\text{C}$

Dimensions (in mm, 1mm = 0.0394 inch)**Mechanical Characteristics**

General tolerance $\pm 0.5\text{mm}$

Warranty**Warranty Terms**

With proper use and correct installation, if the product fails to work due to its own problem, SET will repair or replace the damaged product.

Exceptions

Items are not covered under warranty:

1. Unable to provide the purchase order number and the label of the product.
2. The product is damaged by improper use or installation.
3. The sealed case of the product has been removed or the product has been repaired by user.
4. The product is damaged by the tough environment which is out of its specification.
5. Product has been out of warranty period.
6. Your demands are higher than standard or specification of SET products.

Warranty period

We guarantee the original purchaser of our products a 24-month warranty from the date of purchase or the date of proforma invoice.