

# Precision Current Shunt

## CK01A/B



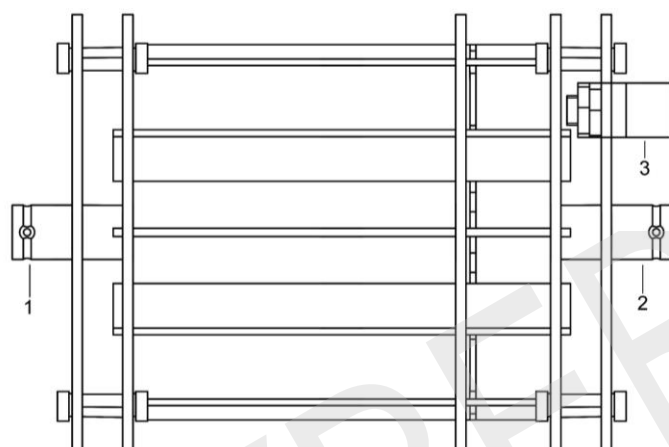
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## 1. Summary

**CK01A/B** Precision Current Shunt applies the precision platinum resistance of VISHAY to realize the output transition from current to voltage. With resistance of  $1\Omega$ , maximum input current around 1A, standard BNC input output port, CK01A/B has characteristics of high precision, low temperature drift, low annual aging rate, low inductance and capacity as well as flat frequency response. It can realize high precision and highly stable current voltage shift, commonly used for the adjustment of precision current source.

## 2. Product and Accessories

### ◆ Product instruction



#### 1. Input Port:

BNC female, maximum input current 1A

#### 2. Output Port:

BNC female, voltage output =  $1 \times I_{in}$

#### 3. Grounding Port:

Safe grounding

## 3. Product Specification

Type	CK01A	CK01B
Resistance value	$1\Omega$	
Precision	$\pm 0.02\%$	
Temperature coefficient	5PPM/℃	0.05PPM/℃
Maximum input operating current	1A	
Annual Aging rate	100PPM	50PPM
Size (Length* Width* Height)	120mm*70mm*70mm	
Weight	160g	

## 4. User Tips

- ✧ Please make sure the input and output ports are connected correctly.
- ✧ Maximum input current is 1A.

## 5. Packaging List

Packaging List	
Name	Amount
CK01A/B	1
Instruction manual and warranty card	1
Test report	1

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