

# PR9123 Current Acquisition Device



PR9123 Current Acquisition Device supports DC 24V loop power supply and can achieve high-precision measurement of DC current. Designed to use with the PR9120C Intelligent Pressure Controller for critical calibration and testing tasks on pressure transmitters and other instruments.

## Product Features

- ◆ Supports 8-channels data acquisition (can customizable for expansion);
- ◆ Each channel is equipped with an independent 24-bit ADC, with an accuracy of  $\pm 0.02\%$  F.S and a resolution down to  $\mu\text{A}$  class;
- ◆ Built-in electromagnetic shielding design, combined with low-temperature drift resistors and high-performance operational amplifiers, to suppress environmental noise;
- ◆ Equipped with over-current protection, reverse connection protection and isolation design to ensure long-term stable operation.

## Technical Parameters

Item	Parameters
Measuring Range	(0~25)mA
Accuracy	0.02% F.S
Output Power Supply	24V $\pm$ 0.5V
Connection Mode for the Device under be Calibrated	Alligator clip
Communication Mode	USB2.0
Supply Voltage	AC220V
External Dimensions	180mm $\times$ 100mm $\times$ 55mm
Weight	0.7kg