

High Current Output Signal Isolated Amplifier

Feature:

- Accuracy:0.1/0.2/0.5
- 4-20mA/0-5V/0-10V standard input signal
- 0-100mA/0-500mA/0-1A current signal output
Or 0-1V(max 1A)/0-5V(max 500mA) voltage signal output
- Input/output isolation(3000VDC)
- Power supply:12VDC/15VDC/24VDC etc.
- Between power supply and output signal are non-isolated
- Standard DIN rail-mounted, industrial temperature : - 45 ~ + 80 deg.C

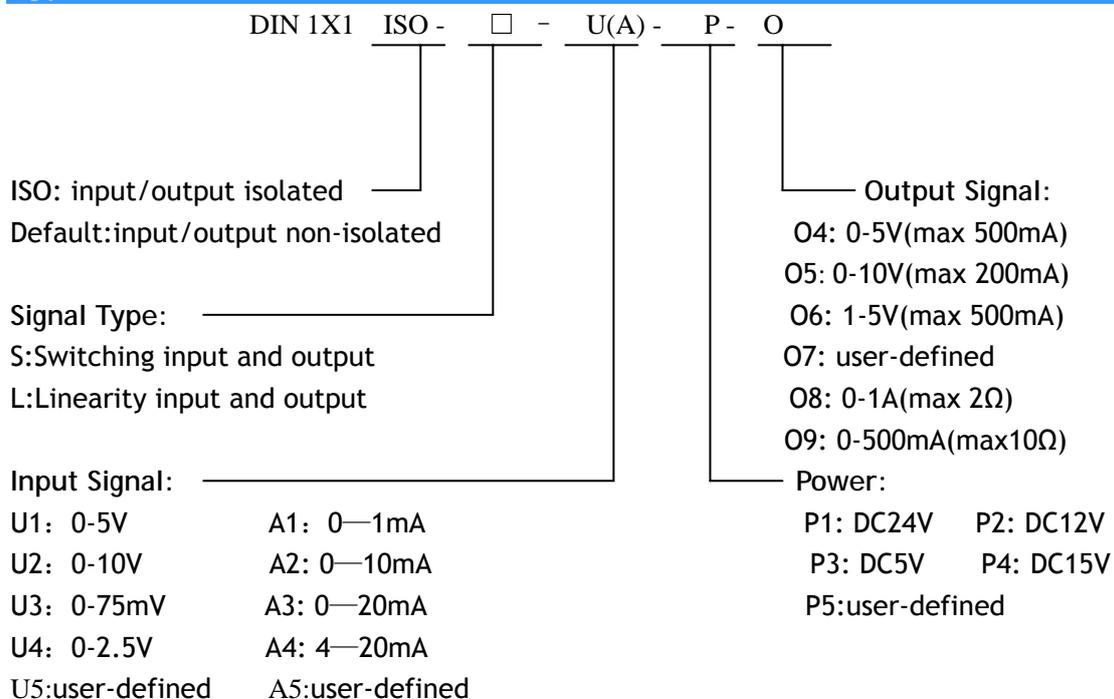
Application:

- Industrial signal isolation and amplifier
- Current signal amplifier or strengthen voltage signal drive capability
- Electromagnetism valve or proportion valve linearity drivers.
- Magnistor linearity controller
- Electromagnetism drive coils or high power load
- Ground-loop elimination

Description:

SUNYUAN DIN 1X1 ISO-□ - U(A) - P - O contains a group of high accuracy isolated amplifier circuit and a power amplifier circuit.It is widely used in current signal or voltage signal drive capability high need situation. Standard DIN rail-mounted,easy to use.

Type Model:



Examples:

1. Input/output is non-isolated
 signal type: Switching
 Input Signal: 0-5V
 Output signal: 0-5V, max 500mA
 Power: 24V
 Part No.: DIN 1X1 S-U1-P1-O4

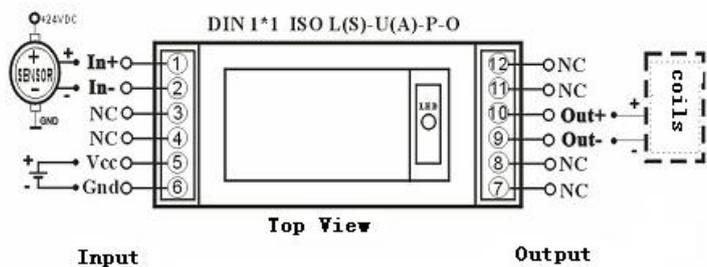
2. Input/output is isolated
 signal type: Linearity
 Input Signal: 4-20mA
 Output signal: 0-1A, max: 2 ohm
 Power: 5V
 Part No.: DIN 1X1 ISO L-A4- P3-O8

Technic parameter:

Accuracy ----- 0.1/0.2/0.5	Response Time ----- $\leq 300\text{ms}$
Power ----- DC5V、12V、24V, $\pm 10\%$	Power loss ----- $< 10\text{W}$
Input ----- voltage signal/current signal	Temperature Drift ----- $200\text{ppm}/^\circ\text{C}$
Load capability ----- $< 5\text{W}$	Isolation ----- signal input/signal output
Operating temperature ----- $-25 \sim +70^\circ\text{C}$	Insulated resistance ----- $\geq 20\text{M}\Omega$
Operating humidity ----- 10 ~ 90%	Endure voltage ----- Input/output
Storage temperature ----- $-45 \sim +80^\circ\text{C}$	2500VDC, 1 minute, leak current 1mA
Storage humidity ----- 10 ~ 95%	Endure impact voltage ----- 3KV, 1.2/50us(peak value)

PIN Function:

PIN	Function	
1	In+	
2	In-	
3	NC	
4	NC	
5	Vcc	Power+
6	GND	Power-
7	NC	
8	NC	
9	Out-	
10	Out+	
11	NC	
12	NC	



Size:

