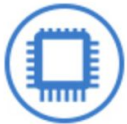




AccuDose 4-20ma Current Signal Isolator Transmitter

24V Current Signal Isolator Transmitter 4-20mA



High stability



High precision

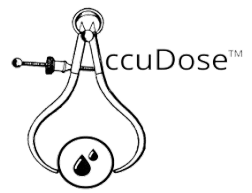


Quick response



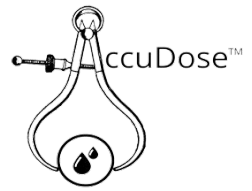
Resisting surge





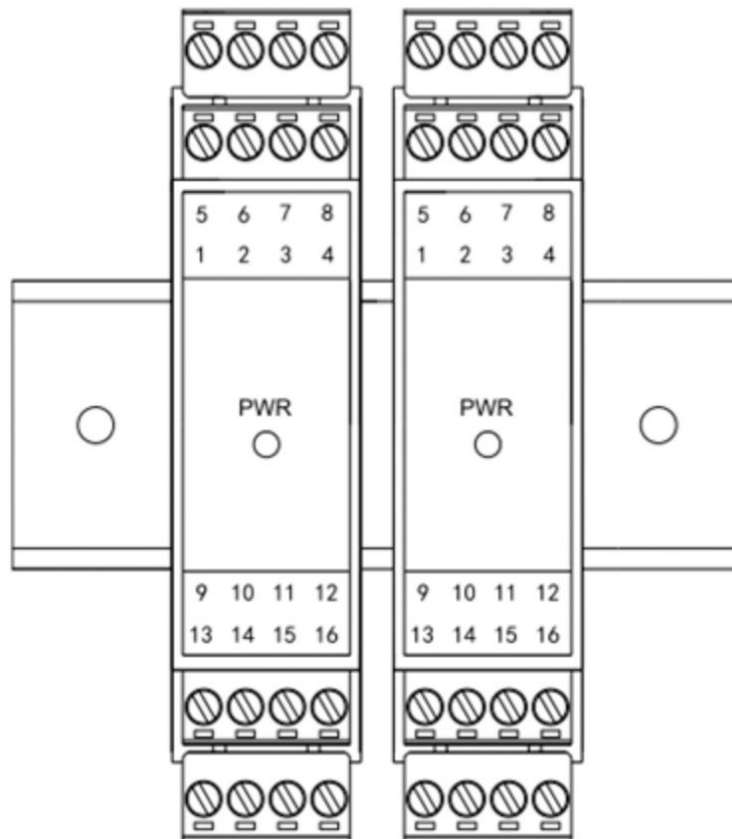
Technical Specifications

Model	HDGPA	
Transmitting accuracy	$\pm 0.1\%F.S$ (25°C $\pm 2^\circ C$)	
Rise time	≤ 0.2 ms	
Settling time	≤ 2 ms	
Influence of ambient temperature	< 30 ppm/ $^\circ C$	
Ripple	< 1 mV	
Frequency range	0~300 Hz	
Input resistance	current: $\leq 60 \Omega$ voltage: 0~5V: $\geq 1M\Omega$; 0~10V: $\geq 2M\Omega$	
Output load capacity		
DC current: 0~10mA: $\leq 700\Omega$; 4~20mA: $\leq 500\Omega$; 0~ ± 10 mA: $\leq 1k\Omega$; 0~ ± 20 mA: $\leq 500\Omega$ DC voltage: 0(1)~5V: $\geq 1M\Omega$; 0~10V: $\geq 2M\Omega$; 0~ ± 5 V: $\geq 1M\Omega$; 0~ ± 10 V: $\geq 2M\Omega$ Please specify your requirements before order if greater output load capacity is needed.		
Power supply voltage range:		
18~32V DC (Recommended voltage:24V DC) 85~265V AC (OR 120~360V DC)		
Power consumption	Single output	Double output
24V DC	0.4W	0.6W
220V AC	1.0VA	1.2VA
Insulation resistance	$\geq 100 M\Omega$ (Input /Output /Power)	
Dielectric strength		
≥ 1500 V AC (Input /Output /Power, 1mA leakage current, 1 minute test time)		
Electromagnetic compatibility	IEC 61000-4	



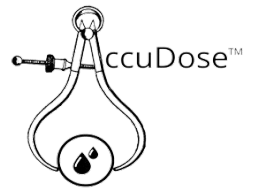
AccuDose 4-20ma Current Signal Isolator Transmitter

Installation



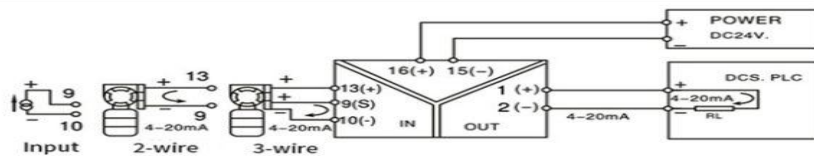
Vertical installation diagram

1. 35mm DIN rail mounting, Pls. make sure that apparatus snaps on the rail steadily and firmly.
2. Vertical position shall be kept as possible to facilitate heat dissipation.
3. Double channel apparatus (double input & double output) is 17.8mm slim while a single channel one is 12.8mm slim. Pls. pay attention to the difference of width and wiring between the two types.

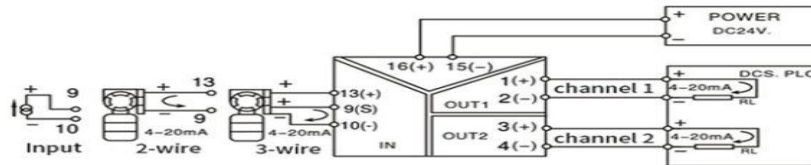


AccuDose 4-20ma Current Signal Isolator Transmitter

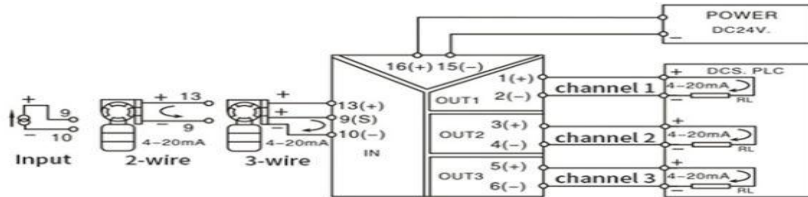
Wiring Diagram



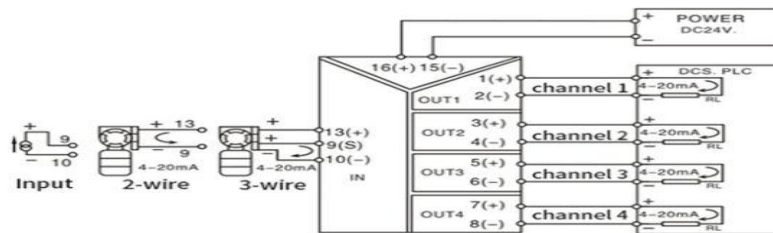
1 in/1 out



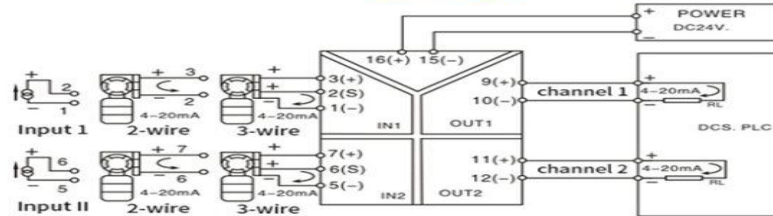
1 in/2 out



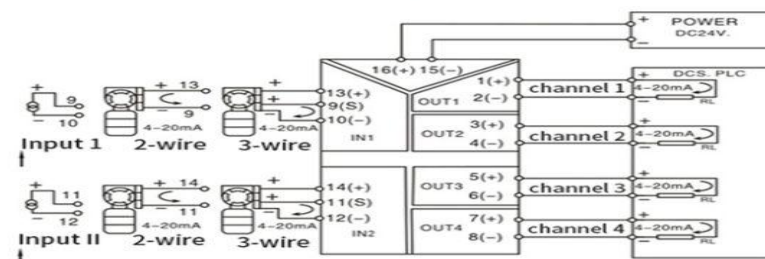
1 in/3 out



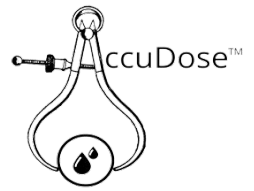
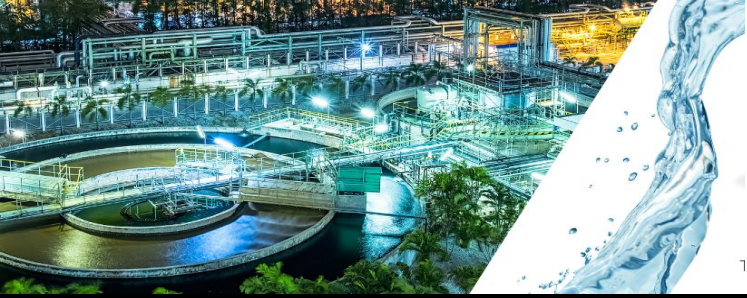
1 in/4 out



2 in/2 out

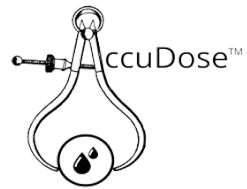


2 in/4 out



Section Table

Product Series			
HDGPA			
Channels			
1:1 in/1 out、 2:1 in/2 out、 3:1 in/3 out、 4:1 in/4 out 5:2 in/2 out、 7:2 in/4 out			
Input			
1:4~20mA、 2:0~20mA、 3:1~5V、 4:0~75MV 5:0~5V、 6:0~10V、 7:Others			
Output			
1:4~20mA、 2:0~20mA、 3:0~10mA 4:0~5V、 5:0~10V、 6:Others			
Power Supply			
DC 24V as default A: 85-265VAC/DC、 B: DC12V			
HDGPA- 2 - 1 - 1 Eg: HDGPA-211,1 in/2 out, input 4~20mA, output 4~20mA, DC 24V			



1

AccuDose 4-20ma Current Signal Isolator Transmitter

Product Dimensions

