

GSI600

DESCRIPTION

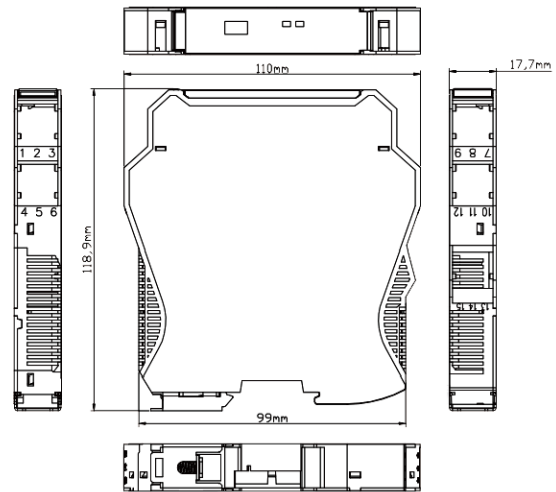
GSI600 series signal isolator is a kind of electrical equipment specially developed by our company that can effectively isolate input and output signals and perform signal conversion. The power, input, and output are isolated at three terminals. They have the characteristics of fast response, high accuracy, and strong anti-interference, which can effectively solve the field interference problem of industrial automation control systems and ensure the stability and reliable operation of the system.



FEATURES

- High precision
- Fast response
- Strong anti-interference ability
- Input / output multi-channel optional
- Wide voltage power supply
- Low power consumption

PARAMETERS



Input channel	1~2
Input signal	4~20mA、1~5V、0~10mA、0~5V、0~10V、0~20mA etc
Output channel	1~2(when the input channel is 2, the output channel can only be 2)
Output signal	4~20mA、1~5V、0~10mA、0~5V、0~10V、0~20mA etc
Transmission accuracy	$\pm 0.1\%F.S$ ($25\pm 2^{\circ}C$)
Output load	0/4~20mA、 $\leq 550\Omega$ 、0/1~5V、 $\geq 1M\Omega$ 、0/1~5V、 $\geq 1M\Omega$
Temperature drift	40ppm/ $^{\circ}C$
Response time	$\leq 500ms$
Dielectric strength	$\geq 1500VAC$ (between input / output / power)
Insulation resistance	$\geq 100M\Omega$ (between input / output / power)
Electromagnetic Compatibility	IEC61326-3

Power supply	24VDC/220VAC
Operating temperature	-20~+60℃
Power Consumption	Single full load output: ≤1.3W; dual full load output: ≤1.5W
Installation	35mm DIN rail mounting
Product Size	Product size is different with different number of channels 12.7 (17.7) *110*118.9mm

TYPE SELECTION

GSI600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Note
Input channel	1					
	2					This item is only applicable to output 2 channels
Input signal	1					4~20mA
	2					1~5V
	3					0~10mA
	4					0~5V
	5					0~10V
	6					0~20mA
Output channel	1					
	2					When the input channel is 2, the output channel must be 2
Output signal	1					4~20mA
	2					1~5V
	3					0~10mA
	4					0~5V
	5					0~10V
	6					0~20mA
Output signal	D					24VDC
	A					220VAC

NOTE:

1. When 2-channel input is selected, only 2-channel output can be selected, and the corresponding relationship of input / output signals must be noted.
2. When 1 channel input is selected, the number of output channels and output signals can be arbitrarily selected.
3. For multi-channel input / output, multiple signal types can be selected.

Example: GSI600-1-1-2-2-D

GSI600 isolator, single channel input, input signal 4 ~ 20mA, dual channel output, output signal 1 ~ 5V, power supply 24VDC .