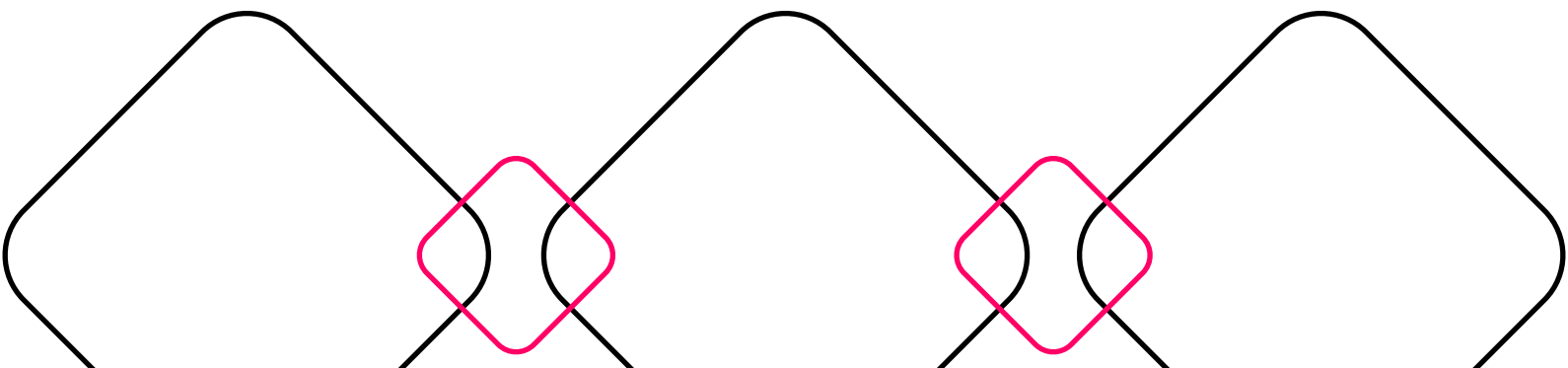


XN-LNG

HIGH-PERFORMANCE Signal Isolator

- ✓ High Precision, High linearity
- ✓ Strong anti-interference ability
- ✓ Terminals Pluggable
- ✓ Parameter customization
- ✓ Full channel configuration
- ✓ Highly isolated Input, Output and Power Supply



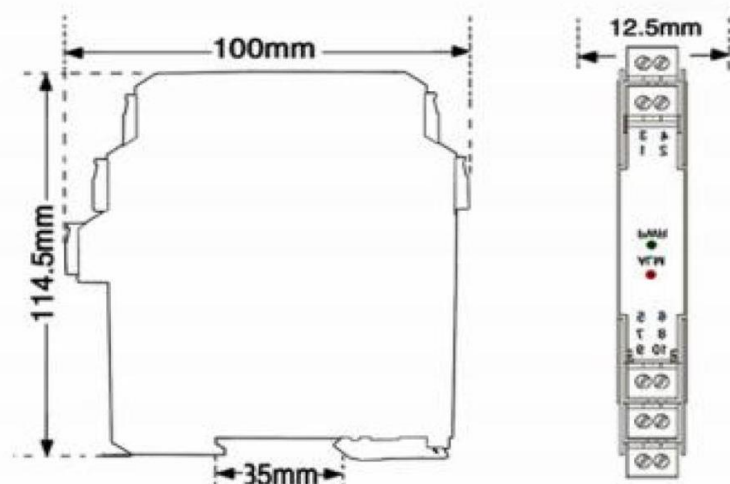
The LNG Signal isolator provides isolated distribution power for the field transmitter, isolates the current or voltage signal by the transmitter and transmits the signal to control room PLC, DSC etc.

FEATURES

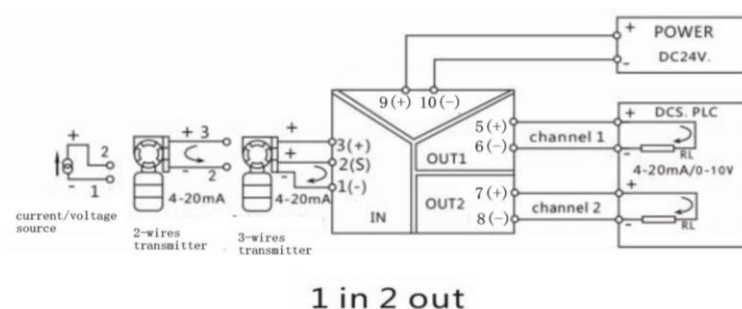
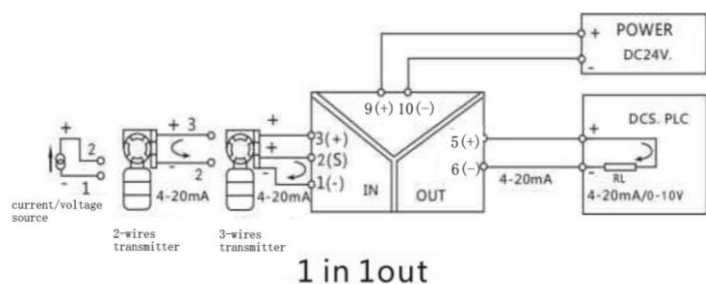
- Current source, 2 Wire or 3 Wire transmitter.
- Input, output and power supply highly isolated with each.
- High precision high linearity, Strong-interference ability.
- Full channel configuration, Parameters customization.
- Standard 35mm DIN rail independent, mounting, terminals pluggable



DIMENSIONS



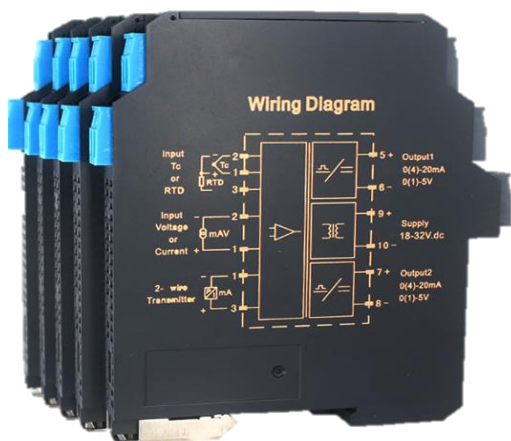
WIRING DIAGRAM



SELECTION

Type	Channels		Input Signal		Output Signal		Power Supply	
LNG	W1	1 in 1 out	A1	4-20mA	O1	4-20mA	P1	DC12V
			A2	0-20mA	O2	0-20mA		
			A3	0-10mA	O3	0-10mA		
			A4	0-5V	O4	0-5V		
	W2	1 in 2 out	A5	0-10V	O5	0-10V	P2	DC24V
			A6	1-5V	O6	1-5V		
			A7	Customization	O7	Customization		

SPECIFICATION



INPUT

Input Signal : 4 ~ 20mA ; 0~20mA ; 0-5V ; 0-10V; etc

Input burden : Current Model :< 100Q

Voltage Model:>300KQ

OUTPUT

Output Signal : 4~20mA; 0~20mA; 0-5V; 0-10V etc

Output load resistance : $R_L \leq 500 \text{ Ohms}$ (Output current Signal)

$R_L \geq 10 \text{ Ohms}$ (Output Voltage Signal)

Output ripple : $\leq 0.5\% \text{ RO}$

PARAMETERS

Accuracy : 0.1% F.S

Response Time : <10ms

Temperature drift: 0.005% F.S/°C (-20°C ~ +55°C)

Isolation Intensity: 2000V AC/1 min (between input-output Power)

Isolation Resistance:> 100MQ (DC500V)

Overload Capacity: Withstand double rating (successive), 10 times rating (10s)

Working temperature & humidity : -20°C ~ +55°C/<80% humidity

Storage temperature & humidity : -20°C ~ +70°C/<70% humidity

EMC : Compiles with GB/T 18268(IEC61326-1)

Applicable equipment: Current Source, 2 Wire or 3 Wire transmitter

