TU-IP Series Analog Input Distribution Isolator

• The TU-IP series analog input distribution isolator is used to provide isolator power for on-site two wire and three wire transmitters, and to output the 0/4-20mA signal (or 0/4-20mA current source signal) generated by the transmitter from the isolator. This product requires independent power supply, with power, input, and output isolated.

SELECTION TABLE

	1 1 0 1 1			
TU-IP	Х	Х	Х	Instructions
	1			1 IN 1 OUT
Channel				
		1		4-20mA
		2		0-20mA
Input S	Signal			
			1	4-20mA
0+	nut Signal		2	0-20mA
Out	put signat		4	0-5V
			6	1-5V
Note: Custom	ers need to de	etermine the i	nput signal fo	rm and output signal form when placing an order. If there are special needs, they can customize it





Product Selection

TU-IPXXX Eg: TU-IP111, 1 IN 1 OUT, Input & output: 4-20mA.

MAIN TECHNICAL PARAMETERS

Input

Input signal: 4-20mA;0-20mA Max input current:35mA Distribution voltage:≥19VDC

Output

Output signal: 4-20mA;0-20mA; 0-5V; 0-10V Max input current:35mA Output load resistance: $RL \leq 550\Omega$ (output current signal), RL≥330KΩ(output voltage signal)

Basic Parameter

Channels: 1 IN 1 OUT(TU-IP1XX) Power Supply: DC24V, voltage range: DC15 ~ 36V Consumption Current: ≤60mA (1 IN 1 OUT, 24V power supply, 20mA output) Basic Accuracy: $\pm 0.1\%$ F.S Temperature Drift: ±0.05%F.S/°C (-20°C ~ +55°C) Response Time: ≤0.5mS Insulation Strength: 1500V AC/1min(Between input, output and power supply) Insulation Resistance: $\geq 100 M\Omega$ (Between input, output, power supply and shell)



TU-I/U Series Current/Voltage Input Isolator

• DC24V power supply isolates and converts various signals such as current, voltage, and mV from industrial sites into standard current and voltage signals, and transmits them to control rooms, PLCs, DCS, and display instruments.

• DIN rail independent installation method; Internally using optocoupler isolation technology, the input, output, and power supply are isolated from each other, featuring high accuracy, high linearity, and low temperature ticket.

• The input and output signal types can be configured, with multiple range options, and can be programmed through PC software.

SELECTION TABLE								
Х	Х	Х	Instructions					
1			1 IN 1 OUT					
	1		4-20mA					
	2		0-20mA					
	4		0-75mA					
	5		0-5V					
nal	7		0-10V					
I		1	4-20mA					
it Signal		2	0-20mA					
it signat		4	0-5V					
		6	0-10V					
	I ON 7 X 1 al	ION TABLE X X 1	ION TABLE x x x 1					

Note: Customers need to determine the input signal form and output signal form when placing an order. If there are special needs, they can customize it

Product Selection

TU-IXXX Eg: TU-I111, 1 IN 1 OUT, Input & output: 4-20mA. TŬ-UXXX Eg: TU-U141, 1 IN 1 OUT, Input:0-75mV, output: 4-20mA.

MAIN TECHNICAL PARAMETERS

Input

Input signal: Voltage(range:0-10v) Millivolt(range:-100mV~+100mV) Current source(range:0-20mA)

Input impedance:Voltage input≥1MΩ;Current input≤25Ω

Output

Output signal: 4-20mA;0-20mA; 0-5V; 0-10V Output load resistance: RL≤350Ω(output current signal), RL≥10KΩ(output voltage signal)

Basic Parameter

Power Supply: DC24V, voltage range: DC18 ~ 36V

Consumption Current: ≤35mA (1 IN 1 OUT, 24V power supply, 20mA output) Basic Accuracy: $\pm 0.1\%$ F.S

Temperature Drift: ±0.05%F.S/°C (-20°C ~ +55°C)

Response Time: ≤1S(0-90%)(TYP)

Insulation Strength: 1500V AC/1min(Between input, output and power supply) Insulation Resistance: $\geq 100M\Omega$ (Between input, output, power supply and shell) Working Temperature Range: -20 ~ +55°C

Electromagnetic Compatibility: According to GB/T 18268.1(IEC61326-1) Applicable Field Equipment: Current source, voltage source

WIRING DIAGRAM



TU-X1X1 1 IN, 1 OUT





TU-TC Series Thermocouple Temperature Isolation Transmitter

• Receive thermocouple signals from the site, isolate and transmit standard current/voltage signals to the control room, PLC/DCS, and display instruments.

• The signal type, measurement range, alarm parameters, etc. can be programmed through PC software.

• High reliable isolation of input, output, and power ports; DIN rail independent installation method.

SELEC	SELECTION TABLE							
TU-TC	Х	Х	Х	Instructions				
	1			1 IN 1 OUT				
Channel								
		В		0~+1820°C				
		E		-270~+1000°C				
		J		-210~+1200°C				
		K		-270~+1372°C				
Input S	ignal	N		-270~+1300°C				
(Type Of Therr	mai Resistor)	R		-50~+1768°C				
		S		-50~+1768°C				
		Т		-270~+400°C				
			1	4-20mA				
Out	nut Signal		2	0-20mA				
	Output Signal		4	0-5V				
			6	0-10V				
Note: Custome	ers need to de	etermine the ir	nput signal fo	rm and output signal form when placing an order. If there are special needs, they can customize it				

Basic Accuracy: $\pm 0.2\%$ F.S Temperature Drift: ±0.005%F.S/°C (-20°C ~ +55°C)



Product Selection

TU-TCXX

Eg: TU-TC1K1/0-500, Input: K model thermocouple(0-500°C), output: 4-20mA.

MAIN TECHNICAL PARAMETERS

Input

Cold end compensation: compensation range: -20 °C~+60 °C Compensation method: Internal compensation; Cold end compensation accuracy:±1°C

Output

Output signal: 4-20mA;0-20mA; 0-5V; 0-10V Output load resistance: $RL \leq 350\Omega$ (output current signal), RL≥10KΩ(output voltage signal)

Basic Parameter

Consumption Current: ≤35mA (1 IN 1 OUT, 24V power supply, 20mA output) Power Supply: DC24V, voltage range: DC18 ~ 36V Over limit alarm: Below the lower temperature limit, output 3.8mA (at 4-20m output) Above the upper temperature limit, output 20.5mA

Break alarm: Output 22mA



TU-TR Series Thermal Resistance Temperature Isolation Transmitter

• Receive thermocouple signals from the site, isolate and transmit standard current/voltage signals to the control room, PLC/DCS, and display instruments.

• The signal type, measurement range, alarm parameters, etc. can be programmed through PC software.

• High reliable isolation of input, output, and power ports; DIN rail independent installation method.

SELEC	SELECTION TABLE							
TU-TC	Х	Х	Х	Instructions				
	1			1 IN 1 OUT				
Channel								
		C5		Cu50(-50~+150°C)				
		C1		CU100(-50~+150°C)				
		P1		Pt100(-200~+850°C)				
		P2		Pt1000(-200~+250°C)				
Input S	ignal	N1		Ni100(-60~+180°C)				
		N2		Ni1000(-60~+150°C)				
Output Signal			1	4-20mA				
			2	0-20mA				
			4	0-5V				
			6	0-10V				
Note: Custom	ers need to de	etermine the ir	nput signal fo	rm and output signal form when placing an order. If there are special needs, they can customize it				

Basic Accuracy: 0.2%F.S

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



Product Selection

TU-TRXX

Eg: TU-TR1P11/0-100, Input: Pt100(0-100°C), output: 4-20mA.

MAIN TECHNICAL PARAMETERS

Input

Input signal: Pt100,Cu50,Ni1000 etc. thermal resistance signal Permissible line resistance: ≤22Ω

Output

Output signal: 4-20mA;0-20mA; 0-5V; 0-10V Output load resistance: $RL \leq 350\Omega$ (output current signal), RL≥10KΩ(output voltage signal)

Basic Parameter

Power Supply: DC24V, voltage range: DC18 ~ 36V Consumption Current: ≤35mA (1 IN 1 OUT, 24V power supply, 20mA output) Over limit alarm: Below the lower temperature limit, output 3.8mA (at 4-20m output) Above the upper temperature limit, output 20.5mA Break alarm: Output 22mA

TU-RP Series Potentiometer Signal Isolator

• Receive on-site potentiometer signals, transform them into standard signals with linear resistance values such as 4-20mA, 0-5V, and output them to DCS or other secondary instruments.

Electromagnetic Compatibility: According to GB/T 18268.1(IEC61326-1) Applicable Field Equipment: Potentiometer

• DIN rail independent installation method.

SELEC	TION '	TABLE		
TU-RP	Х	Х	Х	Instructions
	1			1 IN 1 OUT
Channel				
		А		0-500Ω
		В		0-1ΚΩ
		С		0-5ΚΩ
Input S	ignal			
-				
			1	4-20mA
			2	0-20mA
Out	pursignal	[4	0-5V
			6	0-10V
Note: Custome	ers need to de	etermine the ir	iput signal fo	rm and output signal form when placing an order. If there are special needs, they can customize it



TU-RP1X1 1 IN, 1 OUT

Product Selection

TU-RP1XX Eg: TU-RP1C1, 1 IN 1 OUT, Input: 0-5KΩ, output: 4-20mA.

MAIN TECHNICAL PARAMETERS

Input

Input signal: Potentiometer signal, Resistance range:0-5KΩ

Output

Output signal: 4-20mA;0-20mA; 0-5V; 0-10V Output load resistance: $RL \leq 350\Omega$ (output current signal), RL≥10KΩ(output voltage signal)

Basic Parameter

Power Supply: DC24V, voltage range: DC18 ~ 36V Consumption Current: ≤35mA (1 IN 1 OUT, 24V power supply, 20mA output) Over limit alarm: Below the lower temperature limit, output 3.8mA (at 4-20m output) Above the upper temperature limit, output 20.5mA Break alarm: Output 22mA Basic Accuracy: 0.2%F.S Response time:≤1S(0-90%) (TYP) Temperature Drift: ±0.005%F.S/°C (-20°C ~ +55°C) Insulation Strength: 1500V AC/1min(Between input, output and power supply) Insulation Resistance: \geq 100M Ω (Between input, output and power supply) Working Temperature Range: -20 ~ +55°C





TU-SP Series Thermal Resistance Temperature Isolation Transmitter (Loop power supply)

• The thermal resistance input isolator (circuit powered) converts the on-site thermal resistance signal through digital linearization processing into a 4-20mA current signal that is linear with the same temperature and isolated for output. It has a sensor disconnection alarm indication function.

WIRING DIAGRAM



TU-SP1XX0 1 IN, 1 OUT

• DIN rail independent installation method.

SELEC	SELECTION TABLE							
TU-SP	Х	Х	Х	Instructions				
	1			1 IN 1 OUT				
Channel								
		C5		Cu50(-50~+150°C)				
		P1		Pt100(-200~+850°C)				
Input S	ignal							
			0	4-20mA (Loop power supply)				
Out	nut Signal							
Output Signal								
Note: Custome	ers need to de	etermine the ir	nput signal fo	rm and output signal form when placing an order. If there are special needs, they can customize it				

Product Selection

TU-SPXXX

Eg: TU-SP1P11/0-100, Input: Pt100(0-100°C), output: 4-20mA.

MAIN TECHNICAL PARAMETERS

Input

Input signal: PT100,Cu50 etc. thermal resistance signal

Output Output signal: 4-20mA Output load resistance: RL≤(Ue-12)/0.022

Basic Parameter

Power Supply: DC24V, voltage range: DC12 ~ 30V Over limit alarm: Below the lower temperature limit, output 3.9mA (at 4-20m output) Above the upper temperature limit, output 21mA Break alarm: Output 22mA Temperature drift:0.01%F.S/℃ Basic Accuracy: 0.2%F.S Response time: ≤1S(0-90%) (TYP) Insulation Strength: 1500V AC/1min(Between input, output and power supply) Insulation Resistance: ≥100MΩ(Between input, output and power supply) Working Temperature Range: -20 ~ +55°C Electromagnetic Compatibility: According to GB/T 18268.1(IEC61326-1) Applicable Field Equipment: Two wire, three wire thermal resistance







TU-SP Series Thermocouple Temperature Isolation Transmitter (Loop power supply)

• Thermocouple input isolator (loop powered), which digitally linearizes the on-site thermocouple signal and converts it into a 4-20mA current signal that is linear with the same temperature for isolation output. It has a sensor disconnection alarm indication function, and the thermocouple input has a cold end automatic compensation function. It is intelligent and can be configured with a computer for the thermocouple's graduation number, range range, etc.

• DIN rail independent installation method.

SELEC	SELECTION TABLE							
TU-SP	Х	Х	Х	Instructions				
	1			1 IN 1 OUT				
Channel								
		В		400~+1820°C				
		E		-100~+1000°C				
		J		-100~+1200°C				
		K		-180~+1372°C				
Input S	ignal	Ν		-200~+1300°C				
		R		-50~+1760°C				
		S		-50~+1760°C				
		Т		-200~+400°C				
Output Signal			0	4-20mA (Loop power supply)				
Note: Custome	ers need to de	etermine the in	nput signal fo	rm and output signal form when placing an order. If there are special needs, they can customize it				

Insulation Resistance: $\geq 100 M\Omega$ (Between input, output and power supply) Working Temperature Range: -20 ~ +55°C Electromagnetic Compatibility: According to GB/T 18268.1(IEC61326-1) Applicable Field Equipment: Thermocouple





Product Selection

TU-SPXXX

Eg: TU-SP1K0/0-500, Input: K model(0-500°C), output: 4-20mA.

MAIN TECHNICAL PARAMETERS

Input

Input signal: B、E、J、K etc thermocouple signal

Output

Output signal: 4-20mA Output load resistance: RL≤(Ue-12)/0.022

Basic Parameter

Power Supply: DC12 ~ 30V Over limit alarm: Below the lower temperature limit, output 3.9mA (at 4-20m output) Above the upper temperature limit, output 21mA Break alarm: Output 22mA Temperature drift:0.01%F.S/℃ Basic Accuracy: 0.2%F.S Response time:≤1S(0-90%) (TYP) Insulation Strength: 1500V AC/1min(Between input, output and power supply)





TU-SP Series Current, voltage Input Isolator (Loop power supply)

• The TU-SP series current and voltage input isolators receive DC current or DC voltage signals from the site, and after interference suppression, isolate and output 4-20mA current signals. Adopting a two wire loop power supply method, there is no need for external power supply.

DIN rail independent installation method.

SELECTION TABLE

SELLC				
TU-SP	Х	Х	Х	Instructions
	1			1 IN 1 OUT
Channel				
		В		400~+1820°C
		E		-100~+1000°C
		J		-100~+1200°C
		K		-180~+1372°C
Input S	ignal	N		-200~+1300°C
		R		-50~+1760°C
		S		-50~+1760°C
				-200~+400°C
			0	4-20mA (Loop power supply)
Out	nut Signal			
Out	put Signat			
Note: Custome	ers need to de	etermine the in	nput signal fo	rm and output signal form when placing an order. If there are special needs, they can customize it

Product Selection

TU-SPXXX Eg: TU-SP1K0/0-500, Input: K model(0-500°C), output: 4-20mA.

MAIN TECHNICAL PARAMETERS

Input

Input signal: B、E、J、K etc thermocouple signal

Output

Output signal: 4-20mA Output load resistance: RL≤(Ue-12)/0.022

Basic Parameter

Power Supply: DC12 ~ 30V Over limit alarm: Below the lower temperature limit, output 3.9mA (at 4-20m output) Above the upper temperature limit, output 21mA Break alarm: Output 22mA Temperature drift:0.01%F.S/℃ Basic Accuracy: 0.2%F.S Response time:≤1S(0-90%) (TYP) Insulation Strength: 1500V AC/1min(Between input, output and power supply)

Insulation Resistance: ${\geqslant}100 M\Omega({\sf Between\,input}, output and power supply})$ Working Temperature Range: -20 ~ +55°C Electromagnetic Compatibility: According to GB/T 18268.1(IEC61326-1) Applicable Field Equipment: Thermocouple



TU-SP1XX0 1 IN, 1 OUT





THP-IP Series Current/Voltage Input Distribution Isolators

• DC24V or AC220V power supply, providing isolated power distribution for on-site transmitters, and realizing conversion of various signals such as voltage, current, and mv.

• Input interface current source, two-wire system and three-wire system transmitter are universal, and efficient magneto-electric isolation technology is adopted internally. Input, output and power supply are isolated from each other, with high accuracy, high linearity, low temperature drift and other characteristics.

SELECTION TABLE

Х	Х	Х	Instructions
1			1 IN 1 OUT
2			1 IN 2 OUT
5			2 IN 2 OUT
	1		4-20mA
	2		0-20mA
Input Signal 4 5 7			0-75mA
			0-5V
			0-10V
Output Signal		1	4-20mA
		2	0-20mA
		4	0-5V
		6	0-10V
	X 1 2 ignal put Signal	X X 1 - 2 - 5 - ignal 4 5 7 put Signal -	X X X 1 - 2 - 5 - ignal 1 2 - 4 - 5 - 7 - put Signal 1 2 - 4 - 6 -

Note: Customers need to determine the input signal form and output signal form when placing an order. If there are special needs, they can customize it

Product Selection

THP-IPXXX Eg: THP-IP111,Current input,1 IN 1 OUT,both input and output are DC 4-20mA. THP-UXXX Eg: THP-U141,Voltage input,1 IN 1 OUT,both input:0-75mv, output:DC 4-20mA.

MAIN TECHNICAL PARAMETERS

Input

Input signal: 4-20mA;0-20mA;0-75mA,0-5v,0-10v etc. Distribution voltage:24V DC (max driving current 30mA) Input impedance: Current input≤50Ω;voltage input:≥300KΩ

Output

Output signal:4-20mA;0-20mA;0-5v;0-10v Output load resistance:RL≤500Ω (Output is current signal) RL≥10KΩ (Output is voltage signal)

Basic Parameter

Power supply: DC24V \pm 10%

Consumption current: ≤50mA (1 IN 1 OUT,DC24V,when 20mA output) ≤70mA (1 IN 2 OUT,DC24V,when 20mA output) ≤100mA (2 IN 2 OUT,DC24V,when 20mA output)

Basic accuracy: ≤0.1%F.S

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

Response time:≤10mS(0-90%)(TYP)

 $\label{eq:linear} Insulation strength: 1500VAC/1min(Between input, output and power) \\ Insulation resistance: \geq 100 M\Omega(Between input, output and power) \\$

Working temperature range:-20~+55°C

Electromagnetic Compatibility: According to GB/T 18268.1(IEC61326-1) Applicable Field Equipment: 2Wire, 3wire transmitter, current source, voltage source.

WIRING DIAGRAM







THP-IP/U2XX 1 IN 2 OUT



THP-IP/U5XX 2 IN 2 OUT







THP-IP Series Current/Voltage Input Distribution Isolators (Loop power supply)

• The THP-IP series passive isolator is used to connect to on-site two wire transmitters, provide power to them, and receive 4-20mA current signals from the two wire equipment output. After isolation, it outputs a 4-20mA current signal. Adopting a two wire loop power supply method, there is no need for external power supply.

• The THP-I/U series passive isolator receives DC current or DC voltage signals from the site, and after interference suppression, isolates and outputs a 4-20mA current signal. Adopting a two wire loop power supply method, there is no need for external power supply.

SELECTION TABLE						
THP-IP/U	Х	Х	Х	Instructions		
	1			1 IN 1 OUT		
Channel	2			1 IN 2 OUT		
	5			2 IN 2 OUT		
1		1		4-20mA		
		2		0-20mA		
Input S	ignal	4		0-75mA		
		5		0-5V		
		7		0-10V		
Output Signal		1	4-20mA			
		2	0-20mA			
				0-5V		
			6	0-10V		

Note: Customers need to determine the input signal form and output signal form when placing an order. If there are special needs, they can customize it

Product Selection

THP-IXXX

EG:THP-I510,1 IN/1 OUT,Loop power supply,Input:0-5V,output 4-20mA. THP-IPXXX EG:THP-IP110,Distribution type,1 IN/1 OUT,Loop power supply,Input&output: 4-20mA.

MAIN TECHNICAL PARAMETERS

Input

Input signal: 4-20mA;0-20mA;0-75mA,0-5v,0-10v etc. Input impedance: Current input:≤100Ω;voltage input:≥300KΩ

Output

Output signal:4-20mA Output load resistance:RL≤500Ω(Output is current signal)

Basic Parameter

Power supply: None Basic accuracy: 0.2%F.S Temperature drift:0.005%F.S/°C (-20°C~+55°C) Response time:≤10mS(0-90%)(TYP) Insulation strength:1500VAC/1min(Between input,output and power) Insulation resistance:≥100MΩ(Between input,output and power) Working temperature range:-20~+55°C Electromagnetic Compatibility: According to GB/T 18268.1(IEC61326-1) Applicable Field Equipment: 2Wire transmitter,current source, voltage output equipment.

WIRING DIAGRAM





THP-I110 1 IN 1 OUT



THP-I210 1 IN 2 OUT







THP-IP/U Series Current/Voltage Input Signal Isolator Distributor

• DC24V Power supply, providing isolated power distribution for on-site transmitters, and realizing conversion of various signals such as voltage, current, and mv, and has a signal distribution function. It has various output types such as one input, three outputs, one input, four outputs, and two input, four outputs.

 Input interface current source, two-wire system and three-wire system transmitter are universal, and efficient magneto-electric isolation technology is adopted internally. Input, output and power supply are isolated from each other, with high accuracy, high linearity, low temperature drift and other characteristics.

SELECTION TABLE						
THP-IP/U	Х	Х	Х	Instructions		
	3			1 IN 1 OUT		
Channel	4			1 IN 4 OUT		
	7			2 IN 4 OUT		
	1			4-20mA		
		2		0-20mA		
Input S	ignal	4		0-75mA		
				0-5V		
7		7		0-10V		
Output Signal		1	4-20mA			
		2	0-20mA			
			4	0-5V		
			6	0-10V		

Note: Customers need to determine the input signal form and output signal form when placing an order. If there are special needs, they can customize it

Product Selection

THP-IPXXX EG:THP-IP311,Current input,1 IN/3 OUT,Both input and output are DC 4-20mA. THP-UXXX EG:THP-U451,Voltage input,1 IN/4 OUT,Input:0-5V,output 4-20mA.

MAIN TECHNICAL PARAMETERS

Input

Input signal: 4-20mA;0-20mA;0-75mA,0-5;0-10V etc Distribution voltage: 24V, (maximum driving current 30mA) Input impedance: current input $\leq 50 \Omega$; voltage input ≥ 300 K Ω

Output

Output signal:4-20mA;0-20mA;0-5v;0-10v Output load resistance: RL \leq 500 Ω (Output is current signal) RL \geq 10K Ω (Output is voltage signal)

Basic Parameter

Power supply: DC24V±10% Consumption current: ≤120mA (1 IN 1 OUT,DC24V,when 20mA output) ≤140mA (1 IN 2 OUT,DC24V,when 20mA output) ≤160mA (2 IN 2 OUT,DC24V,when 20mA output) Basic accuracy: ≤0.1%F.S Temperature drift:0.005%F.S/°C (-20°C~+55°C) Response time:≤10mS(0-90%)(TYP) Insulation strength:1500VAC/1min(Between input,output and power) Insulation resistance:≥100MΩ(Between input,output and power) Working temperature range:-20~+55°C

Electromagnetic Compatibility: According to GB/T 18268.1(IEC61326-1) Applicable Field Equipment: 2Wire,3wire transmitter;Current source, voltage source

WIRING DIAGRAM







THP-IP411,1 IN 4 OUT



THP-IP711,2 IN 4 OUT







THP-I Series Passive Isolator

• THP-I series passive isolators do not require external power supply, and take power from input signals to isolate and output 4-20mA DC current signals of various equipment in the industrial field after interference suppression.

WIRING DIAGRAM



THP-I201,1 IN 2 OUT

Note: For the one in two out specification, if one output channel is idle and not in use, the idle output terminals must be short circuited with wires, otherwise the other channel cannot output normally.



THP-1901,4 IN 4 OUT

• DIN rail independent installation.

SELECTION TABLE

THP-I	Х	Х	Х	Instructions
	1			1 IN 1 OUT
Channel	2			1 IN 4 OUT
	5			2 IN 4 OUT
	9			4 IN 4 OUT
		0		4-20mA (Input side power supply)
Input Signal				
0	utput Sigr	nal	1	4-20mA

Note: Customers need to determine the input signal form and output signal form when placing an order. If there are special needs, they can customize it

Product Selection

THP-IXXX

 ${\tt EG:THP-I101,1\,IN/1\,OUT,Power\,on\,input\,side,Both\,input\,and\,output\,are\,DC\,4-20mA.}$

MAIN TECHNICAL PARAMETERS

Input

Input signal: 4-20mA;0-20mA Pressure drop: 3V, TYP(When input is 20mA) Input impedance: 150Ω+output load resistance

Output

Output signal:4-20mA;0-20mA Output load resistance:RL≤350Ω

Basic Parameter

Power supply: None Basic accuracy: 0.2%F.S Temperature drift:0.005%F.S/°C (-20°C~+55°C) Response time:≤10mS(0-90%)(TYP) Insulation strength:1500VAC/1min(Between input,output and power) Insulation resistance:≥100MΩ(Between input,output and power) Working temperature range:-20~+55°C Electromagnetic Compatibility: According to GB/T 18268.1(IEC61326-1) Applicable Field Equipment: 2Wire transmitter;Current source





