

DC Isolated Transducer



Certificates

Model No.

KTD-

	① DC Input	② DC Output	③ Aux. power	④ Number of outputs
①	1 0 ~ 50mV	6 4 ~ 20mA	1 AC 110/220V (Except 2 Output)	S 1 Output
②	2 ±50mV	7 0 ~ 1mA	2 AC 90~260V, DC110V, 220V	T 2 Output
③	3 0 ~ 10V	8 1 ~ 5V	3 DC 24V (Except 2 Output)	
④	4 0 ~ 150V	9 0 ~ 10V		
⑤	5 4 ~ 20mA	0 Order-made		
⑥	6 0 ~ 1mA			
⑦	7 0 ~ 10mA			
⑧	8 0 ~ 20mA			
⑨	0 Order-made			

How to order)
 KTD-161S
 0~50mV / 4~20mA /
 AC 110/220V

How to order)
 KTD-472T
 0~150V / 0~1mA /
 AC 90~260V

Customized product can be produced by order.

Specification

Class	0.2	Withstand voltage	AC 2kV /1 min
Aux. power	Refer to the table above	Surge impulse	Voltage(1.2µs/ 50µs, 5kV) Current(8µs/20µs)
Operating temperature	-10~50°C	Max allowable current	A-200% 10sec, 120% continuous
Operating humidity	20 ~ 85%	Max allowable Voltage	V-150% 10sec, 120% continuous
Insulation resistance	More than 10MΩ	Weight	500g(L Ty)

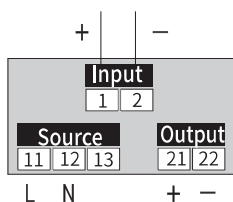
Input

DC Voltage	DC Current
0~50mV	4~20mA
±50mV	0~1mA
0~10V	0~10mA
0~150V	0~20mA

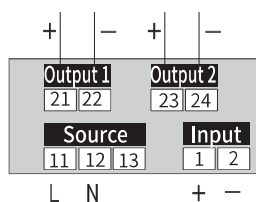
Load resistance by output

DC	Load resistance
4~20mA	0~500Ω
0~1mA	0~10kΩ
1~5V	More than 200Ω
0~10V	More than 500Ω

Connection diagram



1 Output



2 Output