

# DC Watt Transducer



## Model No.

**KTM-** 

- How to order) KTM-1A(50V,50mV)
- Customized product can be produced by order.

① DC Voltage Input	② DC Current Input
1 50V	A 50mV
2 200V	B 60mV
3 500V	
4 800V	

## Specification

Class	0.5	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	410g(Ltype)

## Input

DC Voltage	50V, 200V, 500V
DC Current	0~50mV (-50~0~50mV)
(Shunt)	0~60mV (-60~0~60mV)

## Communication

Communication data	Voltage, Current, Power
Interface	RS-485 Multi-Drop 2Wire
Transmission speed	9600bps 2Wire
Connection	PC connection with RS-485(Ethernet) Converter
Address setting	0~63
Transmission distance	Maximum 1.2km
Protocol	Modbus(RTU)

## Connection diagram

