

4 TGD Series Electricity Transducer

● Measuring

- Voltage\Current\Power\Power factor\Frequency
- Measurement of leakage currents
- Overload : 1.2 times of rated value

● Output

Analog Output: DC 0-5V/0-10V/0-20mA/4-20mA

● Specifications

● Communication

- Interface:RS485
- Protocol:Modbus-RTU

● Application

- Power Monitoring



		TGD-AI TGD-AV	TGD-F	TGD-PF	TGD-3I3 TGD-3(4)V3	TGD-3(4)P TGD-3(4)Q	TGD-3(4)E
Phase & Wiring	1P2W	■	□	□	□	□	□
	3P3W	—	—	□	□	□	□
	3P4W	—	—	□	□	□	□
Input	Voltage	Direct L-L	Up to 480V AC				
		Direct L-N	Up to 276V AC				
	With external PT	■	■	■	■	■	■
	Current	Direct	Up to 5A AC				
		With external CT	■	■	■	■	■
Measuring	Voltage	□	—	—	□		
	Current	□	—	—	□	□	□
	Active/Reactive Power	—	—	—	—	□	□
	Apparent Power	—	—	—	—	□	□
	Power Factor	—	—	■	—	□	□
	Frequency	—	■	—	—	□	□
Energy Metering	± KWh	—	—	—	—	—	□
Accuracy Class		0.5%					
Communication	Interface:RS485 Protocol:Modbus-RTU	□	□	—	□	□	□
Analog Output		DC 0-5V,0-10V,0-20mA,4-20mA					
Pulse Output		—	—	—	—	—	■
Dimensions(mm)	Housing(W × H × D)	138 × 76 × 24	119 × 75 × 55	119 × 75 × 55	112 × 110 × 75	112 × 110 × 75	112 × 110 × 75
Auxiliary Power		85-265V AC/DC,DC24V,DC48V					
Temperature	Operation	-10 to 55°C					
	Storage	-25 to 70°C					
Humidity		Up to 95%,no condensing					
Installation		(Rail)DIN35 , fix on cubicle with screws					
Standards		GB/T 13850					

MOTE: “■” :Yes “—” :No “□” :Optional