

频率变送器 Frequency Transducer

外形 Externality



主要功能与特性 Function and Features

- ◆ 以单片机技术为核心，采用最新算法，实现交流电路频率的精确测量；
Take microcontroller technology as the core and adopt the latest algorithm to achieve accurate measurement of AC circuit frequency;
- ◆ 在国内同类产品中处于领先水平。
Leading level in domestic similar products.

产品型号描述 Model Description

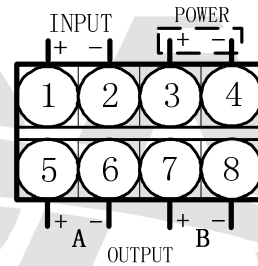
YDD-F2-输入(Input)-电源(Power Supply)-量程(Range)-输出(Output)	
交流输入 AC Input	①AC100~400V; ②40~60Hz (可选Optional)
电源 Power Supply	①AC85~265V or DC85~330V; ②DC20~60V;
频率量程 Frequency Range	40~60Hz (可选Optional)
输出 DC Output	O1:0~5V, O2:1~5V, O3:0~20mA, O4:4~20mA

技术参数 Technical Index

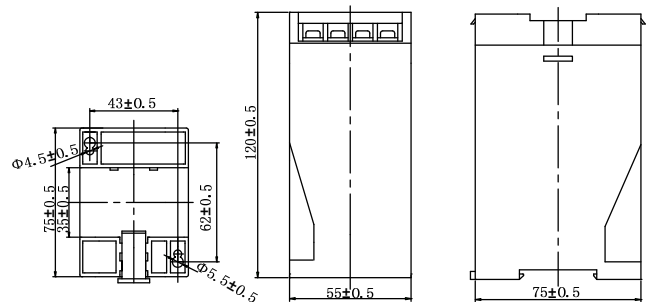
执行标准 Standard	GB/T13850-1998 idt IEC 688:1992
精度 Accuracy	0.2%
整机功耗 Consumption	≤3.0VA
工频耐压 Insulation Voltage	AC2.0KV/min·1mA (输入~输出/电源间Between Input~Output / Power)
响应时间 Response Time	≤300ms
输入范围 Input Range	①AC100~400V; ②40~60Hz (可选Optional)
吸收功率 Absorbed Power	≤1VA

过载能力 Overload	2倍连续 2 times continuous	
负载电阻 Load Resistance	电流输出 Current output	RL≤750Ω
	电压输出 Voltage Output	RL≥2kΩ
工作环境 Working environment	温度(T): -10~50℃	
	湿度(RH): 20~90%,无凝露(Without condensation)	
储存环境 Storage conditions	温度(T): -40~70℃	
	湿度(RH): 20~95%,无凝露(Without condensation)	
安装方法 Installation	35mm DIN 导轨安装或M4螺钉固定	
	35mm DIN Sliding-way or M4 screws	
外型尺寸 Dimension	55±0.5mm×75±0.5mm×120±0.5mm	

接线方式 Connection Diagram



产品结构图 External Dimensions (单位 Units: mm)



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