

## FUD-F

### Multiple Range Variable Frequency Transducer

*As the leading product in market, FUD-F multiple range variable frequency transducer adopts SCM as the core with the latest algorithm to achieve precise measurement of frequency in AC circuit.*

### Features

1. Frequency transducer
2. Multiple range frequency transducers
3. Adopt the SCM as the core technology
4. With the latest algorithm
5. Accuracy class can reach 0.1%



### Parameters

Technical Index	
Standard	GB/T 13850-1998, IEC688:1992
Accuracy	0.1%, 0.2%
Consumption	≤3VA
Insulation voltage	AC 2kV/min.1mA (Between input- output/power)
Response time	≤300ms
Input range	AC100-400V(option), 45Hz-60Hz
Absorbed power	≤0.22VA/220V, ≤0.10VA/100V
Overload	2 times continuous
Load resistance	Current output: $R_L \leq 650\Omega$ Voltage output: $R_L \geq 2k\Omega$
Working environment	Temperature: -10 to +50°C RH: 20-90%, without condensation
Storage conditions	Temperature: -40 to +70°C RH: 20-95%, without condensation
Installation	35mm DIN sliding-way or M4 screws
Dimension	55mm x 75mm x 120mm

## Model Description

FUD-Type-Input-Power Supply-Frequency range-Output	
AC input	V1: 100V±40%, V2: 220V±40%, V3: 270V±40%, V4: 400V±40%, V5: User defined.
Power supply	P1: AC110V±10%, P2: AC220V±15%
Frequency range	F1: 45-55Hz, F2: 48-52Hz, F3: 40-60Hz, Fn: User defined.
DC output	O1: 0-5V, O2: 1-5V, O3: 0-20mA, O4: 4-20mA.

Example 1: FUD-F-V2-P2-F1-O4	
FUD series frequency transducer	Input voltage: AC220±40% Power: AC220V±15% F range: 45-55Hz Output: DC4-20mA

Please check the type, input range, output range and power supply when your order the product.