

Current Transducer/Sensor

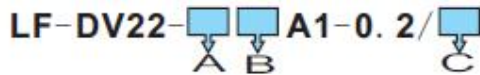


SA1 2-way DC Voltage Transducer

FEATURES

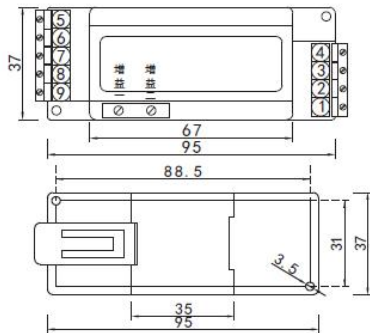
- *Transforms the measured 2-way DC voltage into the 2-way standard DC voltage or DC current output according to the linear proportion
- *Low power consumption, high reliability
- *Excellent anti-interference ability and high accuracy (0.2%)
- *Voltage terminal access, standard din rail(35mm) mounting
- *It widely applies to power operational power supply closing bus and controlling bus voltage detection
- *Small size, dimension(mm): 95(L)×37(W)×32(H)

MODEL



Model selection1: LF-DV22-32A1-0.2/0~275V
 Explanation: this product is a 0~275V input range, 0~5V output, 12V power supply, A1 style 2-way DC voltage transducer.

DIMENSION DIAGRAM



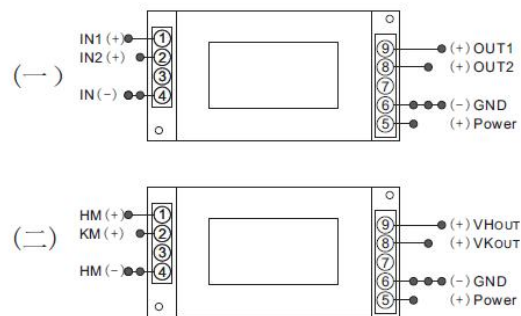
ELECTRICAL DATA

- * Standards: IEC688:1992, QB/LF2007-1
- * Input Range: 0~500V can choose 0~110V,0~275V etc
- *Accuracy Grade: $\leq 0.2\%$.F.S
- * Temperature Characteristics: $\leq 50\text{PPM}/^\circ\text{C}$ (0~50 $^\circ\text{C}$)
- * Power Consumption: $\leq 0.3\text{VA}$
- * Working Stability: annual change $< 0.2\%$
- * Isolation Withstanding Voltage : AC2.0KV/min*1mA between input/output/power
- * Isolation Resistance: $\geq 20\text{M}\Omega$ (DC500V)
- * Impulse Voltage: 5KV(peak value), 1.2/50uS
- * Response Time: $\leq 300\text{ms}$
- *Load Capacity: 2 times current continuous
- * Working Environment: -10 $^\circ\text{C}$ ~50 $^\circ\text{C}$, 20%~90% without condensation
- * Storage Environment: -40 $^\circ\text{C}$ ~70 $^\circ\text{C}$, 20%~95% without condensation

MODEL REMARKS

- A---Output
3: 0~5V
T: Special output
- B---Power supply
2: 12V $\pm 10\%$
- C---Voltage input range

CONNECTION DIAGRAM



(一)通用接法; (二)电力操作电源接法



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