

## YDE-DI/DV 系列直流电流（电压）变送器 YDE-DI/DV Series DC Current (Voltage) Transducer

### 主要功能与特性 Function and Features

- ◆ 将被测直流电流（电压）转换成按线性比例输出的直流电流或电压；
- ◆ 优良的温度特性和长期的工作稳定性；
- ◆ 准确度高，有良好的性价比。
- ◆ Transforms the measured DC current / voltage to a DC current / voltage output according to the linear scale;
- ◆ Excellent temperature characteristic and good working stability;
- ◆ Configuration compactness and briefness.

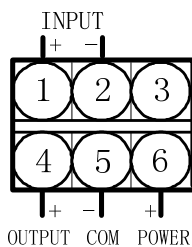


### 技术参数 Technical Index

精度 Accuracy	0.2%, 0.5%		
整机功耗 Consumption	≤1.0VA		
工作稳定性 Accuracy drift	年变化率(Annual Variation) < 0.2%		
工频耐压 Insulation Voltage	AC2.0KV/min·1mA (输入~输出/电源间 Between Input ~ Output / Power)		
绝缘电阻 Insulation Resistance	≥20MΩ (DC600V)		
冲击电压 Surge voltage	5KV (峰值 Peak Value), 1.2/50μs		
响应时间 Response Time	≤350ms		
输入范围 Input Range	DC0~15A、DC0~600V (范围内可选 Optional)		
电源 Power	①DC24V±15%, ②DC12V±10%, ③DC15V±10%		
输出 Output (DC)	①0~5V, ②1~5V, ③0~20mA, ④4~20mA, ⑤1~3~5V, ⑥4~12~20mA, ⑦0~10V, ⑧用户可定制 User customizable		
吸收功率 Absorbed Power	≤0.1VA		
过载能力 Overload	电流 Current: 2倍连续 2 times continuous 电压 Voltage: 800V连续 800V Continuous		
负载电阻 Load Resistance	输出方式 Output	辅助电源 Power supply	负载电阻 RL
	电流输出 Current output	+12V、15V	≤270Ω
		+24V	≤600Ω
电压输出 Voltage Output		≥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M3螺钉固定 35mm DIN Sliding-way or M3 screws		
外型尺寸 Dimension	75±0.5mm×43±0.5mm×71±0.5mm		

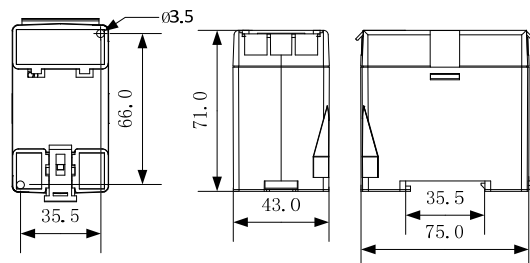
### 接线方式 Connection Diagram

两隔离、共地接线 Two isolation, common ground



### 产品结构图 External Dimensions

(单位 Units: mm, 公差 Tolerance: ±0.5)



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