# YDE-DI/DV

# YDE-DI/DV Series DC Current (Voltage) Transducer

## Function and Features

- ◆
- ◆
- ◆
- ◆ 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.

## Technical Index

| | | | |
|---|---|---|---|
| Accuracy | 0.2%, 0.5% | | |
| Consumption | 1.0VA | | |
| Accuracy drift | (Annual Variation) < 0.2% | | |
| Insulation Voltage | AC2.0KV/min·1mA ( ~ / Between Input ~ Output / Power) | | |
| Insulation Resistance | 20MΩ (DC600V) | | |
| Surge voltage | 5KV ( Peak Value), 1.2/50 s | | |
| Response Time | 350ms | | |
| Input Range | DC0~15A DC0~600V ( Optional) | | |
| Power | DC24V±15% DC12V±10% DC15V±10% | | |
| Output (DC) | 0~5V 1~5V 0~20mA 4~20mA 1~3~5V 4~12~20mA 0~10V User customizable | | |
| Absorbed Power | 0.1VA | | |
| Overload | Current 2 2 times continuous Voltage 800V 800V Continuous | | |
| Load Resistance | Output | Power supply | RL |
| | Current output | +12V 15V | 270Ω |
| | | +24V | 600Ω |
| | Voltage Output | | 2kΩ |
| Working environment | (T) -10~50 (RH) 20~90% Without condensation | | |
| Storage conditions | (T) -40~70 (RH) 20~95% Without condensation | | |
| Installation | 35mm DIN | | |

Addr YADA Industrial Park,Gaopugang ,Heyuan City, Guangdong
TEL 86-762-3493888 FAX 86-762-3493912 POST 517000
http://www.yada.com.cn E-mail: market@yada.com.cn