# CLOSED-LOOP VOLTAGE SENSOR
# JHVC-A25

PCB Mounting

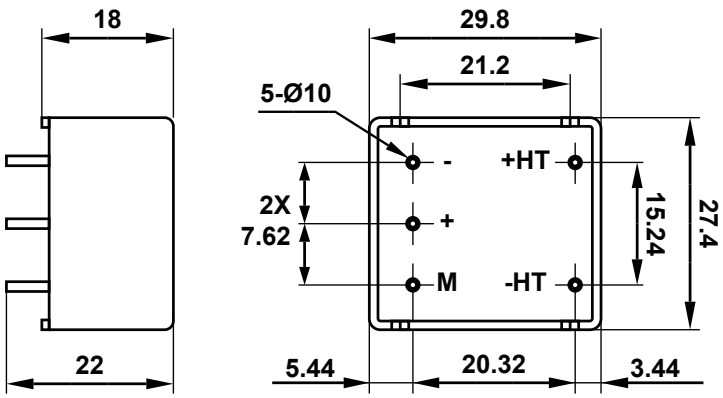
## >>>> Features

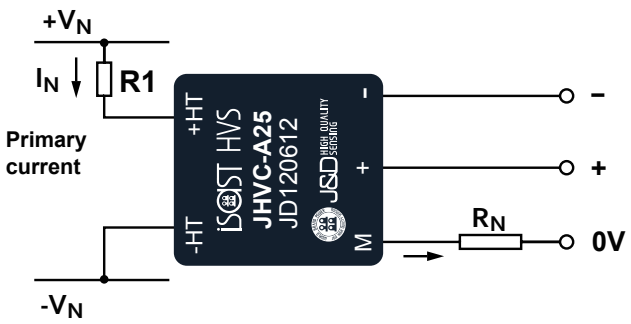
- Excellent accuracy and linearity
- Low response time thermal drift
- High tolerance to external interference
- High bandwidth

## >>>> Specification

| | |
|---|---|
| **Model** | JHVC-A25 |
| **Nominal input** | 10mArms (10V...500V) |
| **Measuring range** | 0~±14mA |
| **Measuring resistor (Vs = ±12...15V)** | Vcc=±12V @ ±10mA : 30Ω ~ 190Ω @ ±14mA : 30Ω ~ 100Ω<br>Vcc=±15V @ ±10mA : 100Ω ~ 350Ω @ ±14mA : 100Ω ~ 190Ω |
| **Output current(Im)** | ±25mA |
| **Accuracy (Ta=+25°C)** | IN±1.0% |
| **Turns ratio** | 2500:1000 |
| **Supply voltages(Vs)** | ±12V~±15V (±5%) |
| **Current consumption** | 10mA+Im |
| **Isolation voltage** | 2.5kV RMS/ 50Hz/1min. |
| **Offset current (Ta=+25°C)** | ±0.2mA Max for primary current IN=0 |
| **Temperature drift** | ±0.2mA Typical; ±0.3mA Max (0°C~+70°C) |
| **Linearity** | < 0.1% |
| **Response time** | < 10μs |
| **Operating Frequency range** | 0~20kHz |
| **Operating temperature** | 0°C~+70°C |
| **Storage temperature** | -40°C~+85°C |
| **Secondary resistor** | 110Ω (Ta=+70°C) |
| **Primary resistance** | 250Ω (Ta=+70°C) |
| **Weight** | 22g |

## >>>> Dimensions(unit : mm)




## >>>> Connection