



CLOSED LOOP TECHNOLOGY VOLTAGE SENSOR JHVC-A25



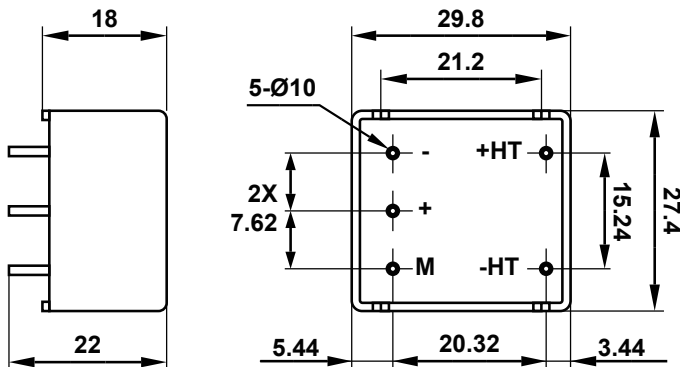
FEATURES

- 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 Vcc=±15V @ ±10mA : 100Ω ~ 350Ω Vcc=±12V @ ±14mA : 30Ω ~ 100Ω Vcc=±15V @ ±14mA : 100Ω ~ 190Ω
Output current(I _m)	±25mA
Accuracy (Ta=+25°C)	IN±1.0%
Turns ratio	2500:1000
Supply voltages(Vs)	±12V~±15V (±5%)
Current consumption	10mA+I _m
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

