

AES230 Signal Converter- Isolator

FEATURE

- Input signal 4~20mA as standard
- Optional excitation supply available
- Output 4~20mA as standard
- DIN rail mounting
- Ultra slim in 7.6 mm profile
- CE Approved & RoHS



Ultra Slim (7.6mm) type

TECHNICAL DATA

Signal input

Input Range	Input Impedance
4 ~ 20 mA	250Ω

Other input ranges available on request.

Analogue output

Power Type	Output Range	Accuracy	Load Resistance
Auxiliary Power	4 ~ 20mA	± 0.1% of F.S.	≤ 550Ω;

Other output ranges available on request.

Response time: ≤ 100msec (10%~90% of FS)

Output ripple: ≤ ±0.1% of F.S.

Power

Power supply: DC 20~30V

Excitation Supply: DC 19~24V (Option M)

Power consumption: ≤ 60mA at 24V, 20mA

Environmental

Operating temp.: -10~60 °C

Operating humidity: 20~95% RH, Non-condensing

Temperature drift: 0.1% F.S./10°C

Storage temperature: -10~70 °C

Protection: IP 42

Mechanical

Dimensions: 7.6mm(W) x 99mm(H) x 92.4mm(D)

Housing: Self-extinguishing, ABS, UL94V0

Terminals: Spring terminal, up to 1.0 mm wire

Mounting: 35mm DIN rail (EN50022)

Weight: 150g

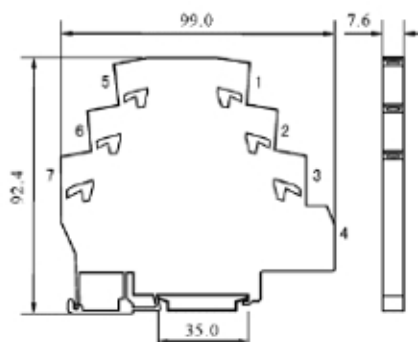
Specification

EMC: EN 61326-1

Electric Isolation: AC 1.5KV for 1min; Between Power/Input/Output

Insulation resistance: ≥ 100MΩ at 500Vdc

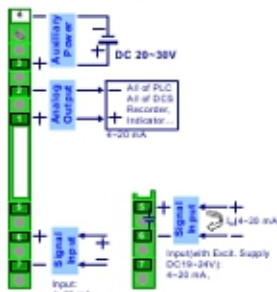
DIMENSIONS



CONNECTION DIAGRAM

Please check the voltage & type of power supply first, and then connect to the specified terminals. It is recommended that power supply to the AES be protected by a fuse or circuit breaker.

Auxiliary Powered type



Terminal and Wiring

