

AEW530 Two wire Signal Converter- Isolator

FEATURE

- Input signal 4~20mA as standard
- Output Loop powered 4~20mA
- 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
1 ~ 5 Vdc	200KΩ

Other input ranges available on request.

Analogue output

Power Type	Output Range	Accuracy	Load Resistance
Loop powered	4 ~ 20mA	$\leq \pm 0.1\%$ of F.S.	$\leq 550\Omega$

Other output ranges available on request.

Response time: $\leq 100\text{msec}$ (10%~90% of FS)

Output ripple: $\leq \pm 0.1\%$ of F.S.

Loop

Power supply: DC20 ~30V

Power consumption: $\leq 24\text{V}, 20\text{mA}$

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 mm² wire

Mounting: 35mm DIN rail (EN50022)

Weight: 150g

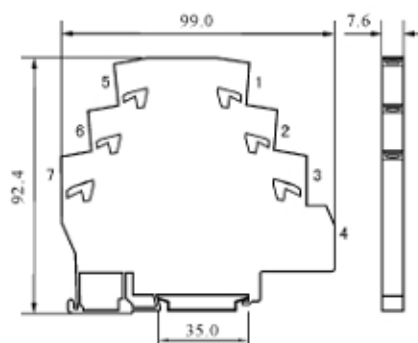
Specification

EMC: EN 61326-1

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

Insulation resistance: $\geq 100\text{M}\Omega$ at 500Vdc

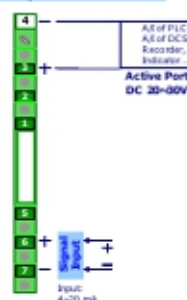
DIMENSIONS



CONNECTION DIAGRAM

Please check the voltage & power supply before installation. It is recommended that power supply to the AEW be protected by a fuse or circuit breaker.

Loop Powered Model



Terminal and Wiring

