

AGS1095XK-17T2605 Signal Generator

- Suitable for SIL 1 & SIL 2 rated safety system loop applications (IEC61508) as 1oo1 architecture (HFT:0)
- Supply voltage options: 115Vac / 230Vac (+/-20%)
- RFI protection to IEC61000-4-3:2006/A2:2010
- Amelec standard 10 year Warranty

TECHNICAL SPECIFICATION

SINEWAVE OUTPUT

Frequency: 1060Hz
Amplitude: 4.2V rms
Current drive: 100mA rms

CONTROLS

Frequency (Span) Adjustment potentiometer: $\pm 10\%$
Amplitude (Gain) Adjustment potentiometer: $\pm 10\%$

INDICATOR

Power ON: LED, Amber.

PERFORMANCE

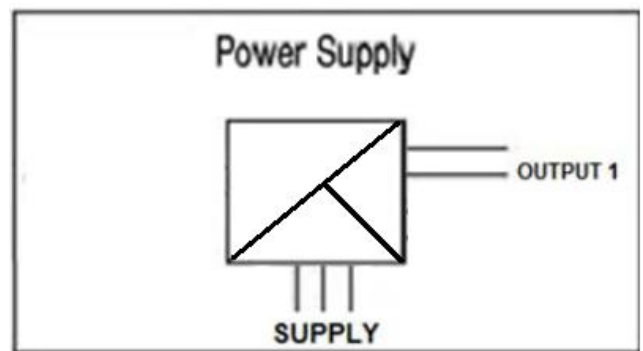
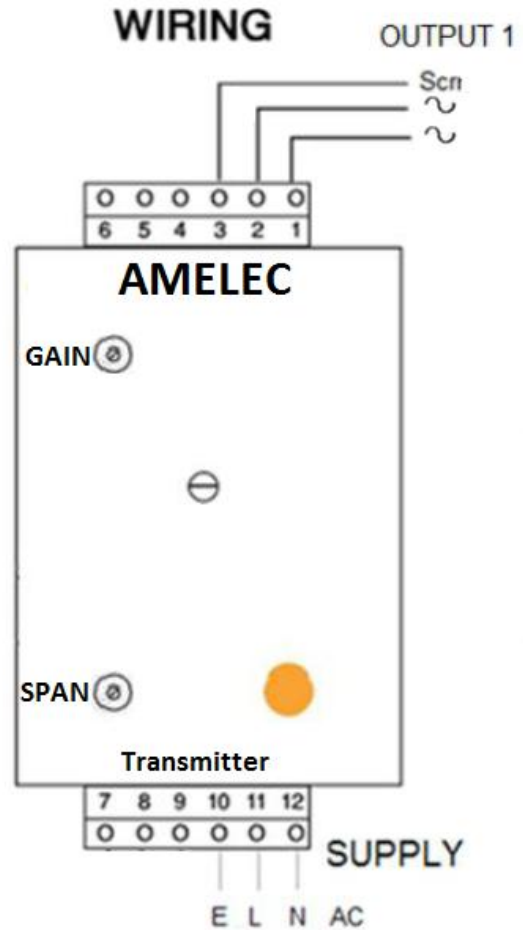
Frequency Stability: $\pm 5\text{Hz}$
Amplitude/Voltage Stability: $\pm 10\text{mV}$
AC Supply regulation: $\pm 20\%$,
Supply consumption: $< 9\text{VA}$

PROTECTION

Isolation: 500V DC Output/Supply/Earth
Internal Fuse.
RF Immunity: 20MHz-3GHz/5.25GHz $\leq 10\text{V/m}$,
(80MHz-1GHz/5.6GHz $\leq 30\text{V/m}$, 889MHz-1.75GHz $\leq 40\text{V/m}$)

ENVIRONMENTAL CONDITION

Storage temperature: - 40 to +70 °C
Operating Ambient: -15 to +55 °C
Relative Humidity: 5 to 95% RH



MOUNTING / DIMENSION

Enclosure: 50w x 75h x 182d mm
Mounting: DIN Rail as standard
Seismic / Surface keyhole plate or Front Panel mount options available (seismic mounting plate Dims: 50w x 130h mm)
Weight < 500g