PSG

Programmable Signal Generator

The PSG is a hand held programmable signal generator designed to simulate analog or pulse signals from controllers, sensors, and other building automation system components. It can be used to speed up the process of system setup and calibration. The analog signal can be within the ranges of 0 to 10 VDC or 0 to 20 mA and the analog output can be programmed to deliver an absolute value or a minimum/maximum toggle output. The pulse output is capable of delivering an absolute, looping, or duty-cycle type pulse.

The PSG is covered by ACI's Two (2) Year Limited Warranty. The warranty can be found in the front of ACI's Sensors & Transmitters catalog, as well as on ACI's web site, www.workaci.com.

SPECIFICATIONS

Operating Temp/RH	32 to 120ºF (0 to 48.9ºC)/5 to 95% non condensing
Power Supply Voltage	24 VAC +/-10% or 24 VDC +/-10%
Power Supply Maximum Current	150 mA (rms)
Power Supply Fuse	Two internal, 5 x 20mm, 250V, fast acting
Analog Output Current Span (Current Mode)	0-20 mA
Analog Output Resolution (Current Mode)	8 bit, 255 steps
Analog Output Maximum Load (Current Mode)	500Ω
Analog Output Accuracy (Current Mode)	0.2 mA of entered output value
Analog Output Voltage Span (Voltage Mode)	0 to 10 VDC
Analog Output Resolution (Voltage Mode)	8 bit, 255 steps
Analog Output Minimum Load (Voltage Mode)	500Ω
Analog Output Accuracy (Voltage Mode)	+/- 0.1V of entered output value
Pulse Output Minimum Pulse Width	1 millisecond
Pulse Output Maximum Pulse Width	999.99 hours
Pulse Output Limits	0.01 to 999.99 in second, minutes, or hours
Pulse Output Display	LCD, 2 rows of 16 characters
AC Pulse (Wet/Dry)	24 VAC from VAC supply voltage (wet)/External Triac, 9-24 VAC source (dry)
DC Pulse (Wet/Dry)	24 VDC from supply voltage (wet)/External, 5-30 VDC source (dry)
Product Dimensions	(L) 7.50" (W) 4.01" (H) 2.12"

ORDERING

Please select PSG as an Interface Device (A).

A Interface Device

○ **PSG** (Programmable Signal Generator)

BUILD PART NUMBER

After completing (A) from the above table, fill in the Part Number Table below. An example part number is offered.

A

EXAMPLE: PSG