



AA9000 AASG Signal Generator

User Manual

Software Version 2.00 Issued 12/2003

Don Controls Limited
Westfield Industrial Estate
Kirk Lane, Yeadon
Leeds, LS19 7LX

Telephone: +44 (0)845 1304946
Fax: +44 (0)845 1304947
E-Mail: mail@don.co.uk
Web: <http://www.don.co.uk>



E104004 (M)



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Certificate No. FM21410
BS EN ISO 9001

AA9000 - Signal generator (AASG)



- Integrated circuit reliability
- Liquid crystal display
- No batteries required
- Accurate and stable output
- Easy adjustment
- Small, light, hand held
- Covers all industrial speed ranges
- Enables AARO 2KJ set up and test without interruptions to plant operation

Description

The AASG is a self contained, portable, hand held signal source specifically designed to generate speed simulation signals for checking the operation of rotation sensing equipment. A stable oscillator and digital divider network provide output signals which are supplied to the rotation sensing equipment through a flying lead with jack plug. The frequency of the generated signal is displayed directly in RPM on the liquid crystal display. All power for the signal generator is provided by the AARO 2KJ rotation sensor via the connection lead and jack plug. An LED indicator proves the power supply, a second LED indicator proves the output signals. The output simulation signals can be selected to give 1 or 2 pulses per revolution to suit different applications of the rotation sensing equipment.

Specification

Speed ranges	:	1.000 – 9.990 rpm	:	10.00 – 99.90 rpm
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Resolution	:	0.1%		
Accuracy	:	0.1% of reading		
Output	:	Open collector to suit AARO		
Response Time	:	150ms (max) for correct speed display		
Dimensions	:	112mm x 61mm x 43mm		
Weight	:	300 grams approx.		



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