

Honeywell 900B08-0202

Honeywell Analog Outputs 0 to 20mA, 8 Channel (900B08-0202)

The Analog Output module provides eight 0 to 21.0 mA outputs that may be scaled by the user to any span within this range

on a per output basis. Outputs are isolated in groups of 4 with no isolation between outputs in a group. All points are isolated

from controller logic.

A green blinking status LED on the module indicates when the module is being scanned. A red status LED when module or

channel diagnostics exist. A user specified failsafe value is supported to allow predictable operation in the event

communication between the module and the controller is interrupted.

Outputs are updated synchronous with control execution. A user-specified rate of change limit may be applied to each output

when needed by slew rate function block. Requires Euro style 36-terminal terminal block.

Item Specification

Outputs per module 8, isolated in 2 groups of 4 outputs (1-4, 5-8)

Current 0 to 21.0 mA range selectable

Load resistance 750 ohms max

Galvanic Isolation 500VDC group to group. Groups 1-4, 5-8

Galvanic Isolation from logic 500 VDC

Accuracy 0.1% full scale at reference conditions

Modules per rack 5 max when powered from internal 24V backplane power

10 max when powered from external 24V backplane power Minimum current sensing > 0.5 mA per output

Calibration Data Data is stored in non-volatile memory. Redundant Factory Calibration, with automatic rejection of Bad version.

Diagnostics Monitoring of Factory Calibration, Configuration, and +24 VDC power supply.

Output Verification Feedback to controller that indicates output current flowing.

D/A Resolution 13+ bits (1 part in 13332)

Fail Safe State configuration Yes

Hold Last Value

Failsafe Value

User specified scan rate It is supported by the slew rate function block.

Slew Rate is the maximum rate of change required to drive the output from full OFF (0%-typically 0 mA or 4 mA) to full ON (100%-typically 20mA). The block will convert this to a maximum change of the milliamp output per execution cycle of this block.

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