CONTROLEDGE HC900

Product Data Sheet

900B16-0202

Sixteen-channel analog output module

ANALOG OUTPUTS	OUTPUT CURRENT RANGE	ISOLATION GROUPS	MAXIMUM LOAD RESISTANCE
16	**0–21.0 mA**	**4 groups of 4 outputs**	**750 Ω**

Honeywell 900B16-0202 is a 16-channel analog output module for the ControlEdge HC900 platform. Each output can be scaled within the 0–21.0 mA range, providing current commands for compatible process instrumentation.

01 VERIFIED TECHNICAL DATA

Analog outputs	16
Output current range	0–21.0 mA
Isolation groups	4 groups of 4 outputs
Maximum load resistance	750 Ω
Group-to-group isolation	500 V DC
Logic isolation	500 V DC
Accuracy	0.1% full scale at reference conditions
D/A resolution	13+ bits; 1 part in 13332
External supply	18–36 V DC
External supply current	700 mA per module

Source: 900B16-0202.pdf

02 ADDITIONAL PRODUCT DATA

5 V power loading	350 mA maximum
24 V power loading	700 mA maximum
Internal-power rack limit	2 modules maximum
Current sensing threshold	>0.5 mA per output
Terminal block	36-position Euro; 900TCK-0001

03 PRODUCT FUNCTION

Outputs are arranged in four isolated groups of four channels and update synchronously with control execution. Per-channel slew limits and user-defined failsafe values govern output behaviour, while diagnostics monitor calibration, configuration and current flow.

04 SYSTEM COMPATIBILITY

Select internal rack power or an external loop supply using the module DIP switch. External power is the shipped default and requires 18–36 V DC at 700 mA per module; only two modules may use internal 24 V backplane power in a rack.

05 MANUFACTURER SOURCE

Honeywell official documentation: 900B16-0202.pdf. Selected source pages: 1.

AMIKON PRODUCT SUPPORT

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