

CONTROLEDGE HC900 900B16

Product Data Sheet

900B16-0001

Sixteen Channel Analog Output

ANALOG OUTPUT ALLOCATION	ISOLATION GROUP ARRANGEMENT	CURRENT OUTPUT RANGE	MAXIMUM LOAD RESISTANCE
16 channels	4 groups of 4 outputs	0 to 21.0 mA	750 ohm

Honeywell 900B16-0001 is a sixteen channel analog output in the ControlEdge HC900 900B16 range. It serves compatible industrial equipment within the documented configuration.

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VERIFIED TECHNICAL DATA

Analog output allocation	16 channels
Isolation group arrangement	4 groups of 4 outputs
Current output range	0 to 21.0 mA
Maximum load resistance	750 ohm
Group-to-group isolation	500 V DC
Field-to-logic isolation	500 V DC
Reference-condition accuracy	0.1% full scale
Internal-power rack limit	2 modules on internal 24 V supply
Minimum current verification	>0.5 mA per output
D/A conversion resolution	13+ bits, 1 part in 13332

ADDITIONAL PRODUCT DATA

5 V supply loading	350 mA maximum
24 V supply loading	700 mA maximum
Terminal block allocation	36-position Euro-style, 900TCK-0001
External supply range	18 to 36 V DC
Default power-source selection	External loop power

DOCUMENTED USE SETTINGS

Chemical Manufacturing and Industrial Process Production: Industrial Chemical Process Control.

Food Processing and Beverage Production: Food Processing and Production.

Water Supply and Wastewater Treatment: Municipal Water Supply Control.

SYSTEM COMPATIBILITY

Match 900B16-0001 to the installed ControlEdge HC900 900B16 equipment, connectors and accepted configuration before integration.

PRODUCT EVIDENCE

ControlEdge HC900 900B16 applicable documentation; full suffix and installed execution require matching