OVATION HART ANALOG OUTPUT

Product Data Sheet

5X00063G01

HART analog output personality module

PASSIVE CHANNEL CIRCUITS	MATCHING ELECTRONICS	FIELD-LOOP CURRENT	AUXILIARY FUSE
8	**5X00062G01**	**4 to 20 mA in the paired HAO assembly**	**User-serviceable fuse for all eight field channels**

Westinghouse 5X00063G01 is the personality module for the Ovation eight-channel HART analog output assembly. It contains passive circuitry for each channel and provides the field-side interface used with the separate 5X00062G01 electronics module.

01 VERIFIED TECHNICAL DATA

Passive channel circuits	8
Matching electronics	5X00062G01
Field-loop current	4 to 20 mA in the paired HAO assembly
Auxiliary fuse	User-serviceable fuse for all eight field channels
Field auxiliary voltage	24 V DC, -5% / +6.25%
Field auxiliary power	6 W typical; 7.2 W maximum for the HAO assembly
Channel grounding	Common auxiliary supply and ground
Assembly isolation to logic	1000 V AC/DC for 1 minute
Operating ambient	0 to 60 °C
Permitted relative humidity	0 to 95%, non-condensing

Values follow the applicable manufacturer documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Diagnostic indicators	Module Power OK, Communication OK, External Error, Internal Error on the assembly
Terminal arrangements	Separate documented CE and non-CE wiring diagrams

03 DOCUMENTED USE SETTINGS

Municipal Water Supply and Industrial Wastewater Treatment: Drinking Water Treatment.

Renewable Electricity and Low-Carbon Energy Development: Solar Power Generation.

Thermal Electricity and Hydroelectric Power Generation: Combined-Cycle Power Generation.

04 SYSTEM COMPATIBILITY

Use the personality module as part of the complete 5X00062G01/5X00063G01 HAO assembly. Its passive circuitry establishes the field interconnections; conversion, channel updating and HART control belong to the electronics module. This distinction matters when assigning an apparent loop problem to a replaceable part.

05 PRODUCT EVIDENCE

Emerson Ovation HART 8-Channel Analog Output PWS_010205 [3]

AMIKON PRODUCT SUPPORT

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