GATEWAY OUTPUT MODULES

DIN mounted modules provide analog and digital outputs at the Gateway

GATEWAY OUTPUTS INTEGRATE WITH EXISTING SYSTEMS, NO MODBUS PROGRAMMING REQUIRED

EASY INTEGRATION WITH GATEWAY-IN-A-STICK OR DIN MOUNTED GATEWAY

CONFORMAL COATED ELECTRONICS

RUGGED OIL FIELD PROVEN

LOW POWER CONSUMPTION

DESCRIPTION

The SignalFire Gateway Output Modules as designed to be used to create analog/digital outputs from any cached register data in the Gateway. This is useful in cases where the host system does not have a Modbus interface.

There are two versions of the Gateway Output Module, the first has 8 Analog output and 2 relay outputs, while the second has 12 Digital Outputs. It is possible to connect any combination of two modules per gateway.

FEATURES

• Any signal can be mapped to the outputs (Eg a Hart Variable or Modbus Register can be mapped to an analog output)
• Can be added to any SignalFire Gateway
• DIN Rail mountable
• Simple configuration using the SignalFire ToolKit. No Modbus programming necessary
• Expansion connector to daisy-chain a second module for additional outputs
• Status LEDs
• Low power operation

MODELS

Analog/Relay Gateway Output Module
Each Analog/Relay output provides 8 analog outputs (4-20mA or 1-5V) that can be scaled to any remote measurement. In addition, dual relays can be used as alarm outputs or to indicate the state of a remote input.

Digital Gateway Output Module
The Digital Output module provides 12 DO’s that can be connected directly to a host device to signal the state of remote DI’s.

STANDARD CONFIGURATION

ORDER CODES

<table>
<thead>
<tr>
<th>ORDER CODE</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>8AO2DO</td>
<td>Output Module with 8 Analog + 2 Digital Outs, DIN Mount</td>
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<tr>
<td>12DO</td>
<td>Output Module with 12 Outputs - Sinking or Sourcing, DIN Mount</td>
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TECHNICAL SPECIFICATIONS

**Operating Temp**
-40°F to 185°F (-40°C to 85°C)

**Power**
10-30 VDC

**Enclosure**
DIN rail mount

**Weight**
0.6 lbs

**Wire Termination**
Pluggable screw terminals, 12-24 AWG

**Configuration Port**
RS232 DB9 connection to SignalFire ToolKit

**Outputs**

**Analog/Relay Module:**
- 8 Analog Outputs. 4-20mA/1-5V jumper selectable (16-bit)
- 2 Relay Outputs. Single pole double throw (NO/NC/COM)

**Digital Output Module:**
- 12 Digital Outputs. Open-Drain mode or voltage output