

# GATEWAY OUTPUT MODULES

DIN mounted modules provide analog and digital outputs at the Gateway

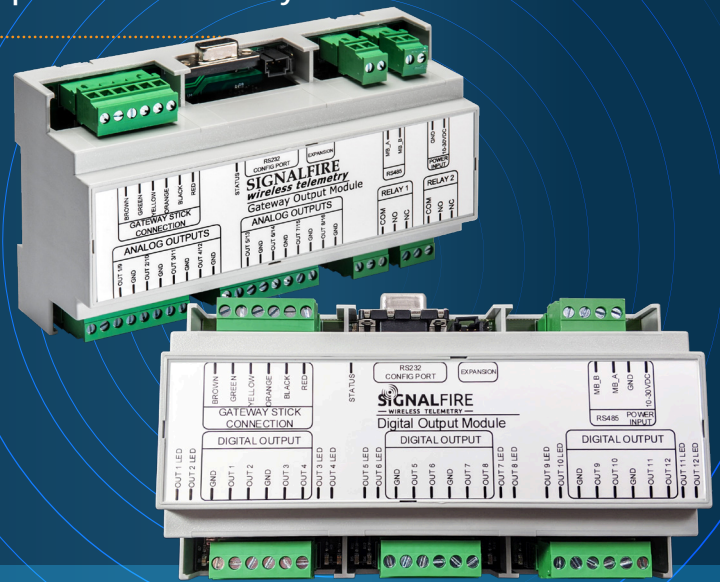
GATEWAY OUTPUTS INTEGRATE WITH EXISTING SYSTEMS, NO MODBUS PROGRAMMING REQUIRED

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 are 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

ORDER CODE	DESCRIPTION
8AO2DO	Output Module with 8 Analog + 2 Digital Outs, DIN Mount
12DO	Output Module with 12 Outputs - Sinking or Sourcing, DIN Mount

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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

