

Input/Output Modules

StoneL Model 461098

Analog Output Module (IP20)

The AS-Interface analog output module enables 0-20mA analog signals to be sent via AS-Interface. Once described as a bus for discrete I/O only, AS-Interface has devised a method to send these signals via AS-Interface using the new device profile (7.3).

Features

- Two (2) analog 0-20mA outputs
- 16 bit resolution
- Peripheral fault indication
- Easy commissioning via AS-Interface
- DIN rail mounting
- IP20 housing



Enclosure Option



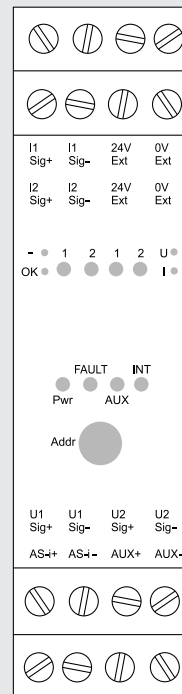
Specifications

Device Profile	• ID=3, ID2=5, I/O = 7
Master Requirement	• AS-Interface Version 2.1 Master Required
Outputs	• 2 Analog outputs (0-20mA)
Operating Voltage	• 30 VDC AS-Interface Voltage (AS-Interface power supply)
Operating Current	• <80mA
Voltage Supply, Sensors	• Via AS-Interface or External 24VDC
Resolution	• 16bit (0 - 20000)
AS-Interface Cycle Time	• Cycle Time = 150 microsec. x (AS-Interface Slaves + 1)
Displays	<ul style="list-style-type: none"> • Analog Signal 1 (Analog 1), green LED • Analog Signal 2 (Analog 2), green LED • Power on (AUX), green LED • AS-Interface Voltage (PWR), green LED • AS-Interface Communication Error (Fault), red LED
Operating Temp.	• 0° to +70°C (+32° to +158°F)
Storage Temp.	• -25° to +85°C (-13° to +185°F)
Housing	• Engineered Resin, DIN rail mounting
Housing Dimensions	• 99mm, 23mm, 92mm (L, W, H)
Ingress Protection	• IP20
Weight	• 118g (0.26 pounds)

Programming

- **Parameter P0**
Not Used
- **Parameter P1**
Not Used
- **Parameter P2**
0: Peripheral Fault not enabled
1: Peripheral Fault enabled
- **Parameter P3**
Not Used

Schematic Drawing



I1Sig +	(+) Analog Output Ch 1
I1 Sig -	(-) Analog Output Ch1
24 V Ext	(+) 24 Vdc Ext. Power Input
0 V Ext	(-) 24 Vdc Ext. Power Input
I2 Sig +	(+) Analog Output Ch2
I2 Sig -	(-) Analog Output Ch 2
24 V Ext	(+) 24 Vdc Ext. Power Input
0 V Ext	(-) 24 Vdc Ext. Power Input
U1 Sig +	
U1 Sig -	
U2 Sig +	
U2 Sig -	
AS-i +	AS-i +
AS-i -	AS-i -
AUX +	
AUX -	