

Input/output modules

Model number
IM461122A



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).

Kit Contents

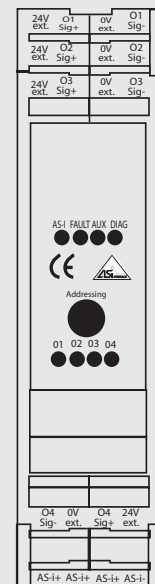
- Four (4) analog 0-20mA outputs
- 16-bit resolution
- Peripheral fault indication
- Easy commissioning via AS-Interface
- DIN rail mounting
- IP20 housing



Specifications	
Device profile	ID=3, ID2=6, I/O = 7
Master requirement	AS-Interface 2.1 or later
Outputs	4 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	16-bit (0 - 20000)
Displays	AS-Interface voltage (AS-i), green LED AS-Interface communication error (fault), red LED Voltage supply 24VDC (AUX), green LED Diagnostics (DIAG), yellow LED Analog signal 1 (O1), yellow LED Analog signal 2 (O2), yellow LED Analog signal 3 (O3), yellow LED Analog signal 4 (O4), yellow LED
Operating temperature	0° to +70°C (+32° to +158°F)
Storage temperature	-25° to +85°C (-13° to +185°F)
Housing	Engineered resin, DIN rail mounting
Dimensions (L, W, H)	105mm, 23mm, 114mm
Ingress protection	IP20



Schematic drawing



Programming

Parameter P0

- 0: profile 7.3 is not monitored
- 1: profile 7.3 is monitored

Parameter P1

Not used

Parameter P2

- 0: peripheral fault not enabled
- 1: peripheral fault enabled

Parameter P3

Not used