

Delomatic – Multi-function system

Data AOM-1, Analogue Output Module

4921240064D



AOM-1, Analogue Output Module:

- 8 analogue output channels

Analog output module (AOM-1)

The Analog Output Module (AOM) consists of 8 analog output channels divided into two galvanically insulated groups each consisting of four channels.

Each channel may be individually configured for bi-/uni-polarity and as current/voltage output by means of jumpers located on the PCB. Live zero (offset) may be made by the application software in the CM module.

All output channels selected as voltage outputs may stand a continuous short circuit.

If a power supply or system failure appears all analog output channels are set to zero (0V/0mA regardless of the configured polarity).

The common-terminals of output channels in the same group are always connected to the same common potential regardless of configuration.

Dimension:	Width 30.5 mm (6 TE)		
Weight:	0.50 kg (1.1 lb)		
Supply:	From the PSM via the back plane.		
Power consumption:	Typ. 5W. Max. 9W.		
Galvanic separation:	Test voltage:	1.0kV – 50Hz – 1 min. According to GL, LR and DNV.	
Accuracy:	Class 1 according to IEC 688 (-10.. <u>15</u> .. <u>30</u> ..+55°C).		
	Temperature coefficient: Max. 0.2%/10°C		
	Ripple on output: Max. 1 % peak-peak		
	Resolution:	Bi-polarity:	0.4% of range
		Uni-polarity:	0.2% of range
Load:	Current output:	Max. 500Ω	
	Voltage output:	Min. 500Ω	
Output:	Uni-polarity	0...20mA or 0...10V	
	Bi-polarity	-20...0...+20mA or -10...0...+10V	
Screw terminals:	2.5 mm ² (single/multi-stranded)		
Flammability:	All plastic parts are self-extinguishing according to UL94-VO.		
Environment:	Temperature:	Reference:	+15...+30°C
		Nominal:	-10...+55°C
		Operational:	-25...+70°C
		Storage:	-40...+70°C
	Climate:	Class HSE, according to DIN 40040.	
Protection:	IP20 when mounted in a Delomatic rack.		
Approvals:	The Delomatic system is CE marked and type approved by LR, GL, DNV, ABS, BV, RINA and CNK.		

Errors and changes excepted.



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