

ANALOGUE OUTPUTS



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OMC 8100 - 5DI.AO is a universal analogue output plus 5 universal digital inputs.

OMC 8000 - 8DI.2AO is a universal 2-channel analogue output plus 8 universal digital inputs.

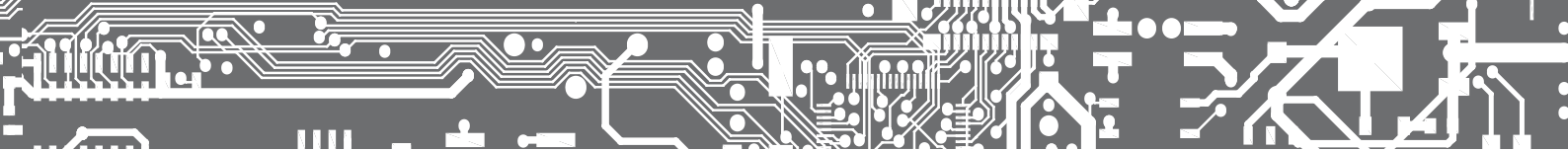


- 5x/8x DIGITAL INPUTS
- 1x/2x ANALOGUE OUTPUTS
- LED SIGNALISATION OF INPUT AND OUTPUT STATE
- BROKEN CURRENT LOOP DETECTION
- POWER SUPPLY VIA LINE (8100)
- POWER SUPPLY 24 V AC/DC OR 80...230 V AC/DC (8000)

EXPANSION MODULES

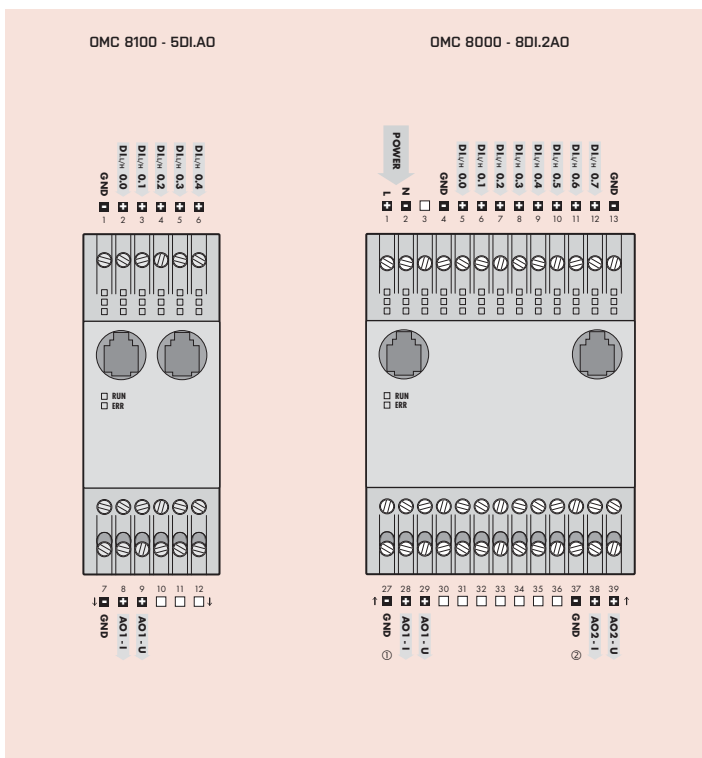
OMC 8100 - 5DI.AO

OMC 8000 - 8DI.2AO



	OMC 8100 - 5DI.AO	OMC 8000 - 8DI.2AO - x1	OMC 8000 - 8DI.2AO - x2
OUTPUTS			
Number	1	1	2
Type	analogue - universal	analogue - universal	analogue - universal
Measuring range	0...2/5/10/±10 V 0...5 mA, 0/4...20 mA	0...2/5/10/±10 V 0...5 mA, 0/4...20 mA	0...2/5/10/±10 V 0...5 mA, 0/4...20 mA
Resolution	16 bits	16 bits	16 bits
Compensation of leads resistance	< 500 Ω	< 500 Ω	< 500 Ω
Temperature coefficient	15 ppm/°C	15 ppm/°C	15 ppm/°C
Accuracy	0,1% of range	0,1% of range	0,1% of range
Response time	< 1 ms	< 1 ms	< 1 ms
LED signalisation of outputs state, broken current loop detection	yes	yes	yes
INPUTS			
Number of inputs	5	8	8
Measuring range	12...250 V AC/DC	12...250 V AC/DC	12...250 V AC/DC
Max. current	2,5 mA	2,5 mA	2,5 mA
Response time	20 ms	20 ms	20 ms
LED signalisation of inputs state	yes	yes	yes
SPECIFICATIONS			
Module width	36 mm	72 mm	72 mm
Maximum consumption	300 mA	5 VA	5 VA
Power supply	Powered by the Bus	24 V AC/DC 80...250 V AC/DC	24 V AC/DC 80...250 V AC/DC
Working temperature	-20°...60°C		
Cover	IP 40		
Dielectric strength	4 kVAC for the duration of 1 minute between supply and input/output 2,5 kVAC for the duration of 1 minute between Bus and input/output		
Insulation resistance	for pollution degree II, measuring cat. III., 300 V (Z), 150 (DI)		
Electric safety	EN 61010-1, A2		
EMC	EN 61326-1		

CONNECTION



ORDER CODE

OMC 8100 - 5DI.AO

OMC 8000 - 8DI.2AO

Power supply	24 V AC/DC, isolated	0
	80...250 V AC/DC, isolated	1
Analogue output	1 output	1
	2 outputs	2