

## 1 channel analog output module

- Voltage or current output selectable
- 12-bit D/A converter
- Power-on startup value and safe value programmable
- Signal connection via 25-pin SUB-D connector



## Module specifications

	PAD-AO1
Number of channels:	1 output channel
Output signals:	
Voltage:	0 to 10 V
Current:	0 to 20 mA or 4 to 20 mA
Resolution:	12-bit
Accuracy:	±0.1 % of FSR
Readback accuracy:	±1 % of FSR
Resolution:	±0.02 % of FSR
Zero drift:	
Voltage output:	±30 µV/°C
Current output:	±0.2 µA/°C
Span temp. coefficient:	±25 ppm/°C
Programmable output slope:	0.125 to 1024 mA/sec or 0.0625 to 512 V/sec
Current load resistor:	500 Ohm
Isolation:	300 V <sub>DC</sub>
RS-485 interface:	Yes
Interface speed:	9600 bps
Power supply voltage:	+12 V <sub>DC</sub> (±10 %)
Power consumption:	Typical 1.2 W