

Features & Specifications

RS-485 Modbus RTU Interface to 16 A/D, 2 D/A, 8 Open-Collector Outputs, 8 Isolated Inputs Multifunction Module

Part: 470M | Model: Seal/O-470M

Features

- RS-485 Modbus RTU interface
- 8 differential or 16 single-ended 12-bit inputs
- Two 12-bit D/A output channels
- 8 optically isolated inputs
- 8 open-collector outputs
- Removable screw terminals simplify field wiring
- Input power via terminal block or modular connector
- DIN rail or table mount
- Sealevel SeaMAX software supports Microsoft Windows and Linux operating systems

Specifications

A/D Chip	Maxim MAX197
A/D Inputs	8 Differential or 16 Single-Ended
A/D Range	0-5V, 0-10V, +/-5V, +/-10V
A/D Resolution	12-bits
Analog I/O	A/D Inputs, D/A Outputs
Family	Seal/O
D/A Range	0-5V, 0-10V
D/A Resolution	12-bits
Digital I/O	Isolated Inputs, Open-Collector Outputs
Dimensions	7.5 (L) x 5.1 (W) x 1.3 (H)
Extended Temperature	Call for Options
Humidity Range	10 – 90% Relative Humidity, Non-Condensing
Input Isolation	300V
Input Range	5-30 VDC
Host Interface(s)	RS-485
Number of Inputs/Outputs	8 Inputs, 8 Outputs
Operating Temperature	0°C to 70°C (32°F to 158°F)
Output Dissipation	Max. 500mA (single), Max. 580mA (all)
Output Type	Open-Collector
Output Voltage	Max. 30V
# of Ports	16/2/8/8
Power Requirement	9-30 VDC @ 1.5W
RoHS Compliant	Yes
Storage Temperature	-50°C to 105°C (-58°F to 221°F)