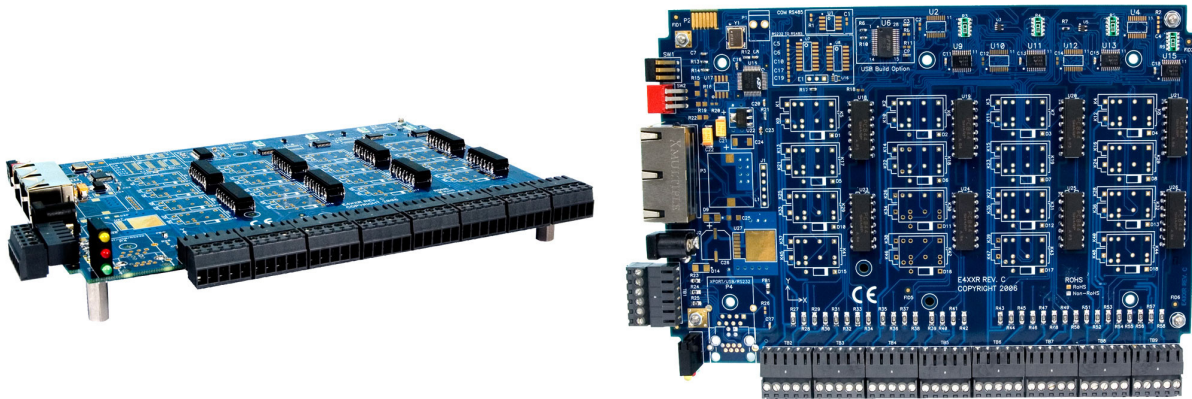# MATLOG

RS-485 Modbus RTU Interface to 32 Optically Isolated Inputs

sealevel.com/product/430m-oem-rs-485-modbus-rtu-interface-to-32-optically-isolated-inputs

Part: 430M-OEM   **Model:** Seal/O-430M-OEM

$194.00

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Description

Interface 32 optically isolated inputs via any RS-485 Modbus RTU connection with the Seal/O-430M-OEM. Inputs can range from 5-30VDC and provide 300V external isolation. Connection is made using convenient 3.5mm removable screw terminal connectors. To facilitate easy wiring, the inputs are grouped in 4-bit segments that each share a common. The Seal/O-430M-OEM is powered from your 9-30VDC source, or select from a variety of Sealevel power supply options.

Communicate with the Seal/O-430M-OEM using industry-standard Modbus RTU protocol or use the Sealevel SeaMAX API software libraries from your application program. Sealevel's SeaMAX software drivers and utilities make installation and operation easy using Microsoft Windows and Linux operating systems.

Expand your I/O network with Seal/O N-series products. Seal/O OEM boards are available with Reed and Form C relays, optically isolated inputs, TTL interfaces, A/D and D/A functionality. Up to 246 additional expansion modules can be added using convenient pass-through connectors.

Get a jump start on your digital I/O development with *The Digital I/O Handbook* that will provide helpful information that you will use again and again. Check out Chapter 1 for an overview of logic principles.

Category: RS-485

Additional information

Family	Sea I/O
Digital I/O	Isolated Inputs
Dimensions	7.5 (L) x 5.0 (W) x 0.8 (H)
Extended Temperature	Call for Options
Humidity Range	10 – 90% Relative Humidity, Non-Condensing
Input Isolation	300V
Input Range	5-30 VDC
Input Impedance	6.2K Ohms (in series)
Host Interface(s)	RS-485
Number of Inputs/Outputs	32 Inputs
OEM	Yes
Operating Temperature	0°C to 70°C (32°F to 158°F)
# of Ports	32
Power Requirement	9-30 VDC @ 0.4W
RoHS Compliant	Yes
Storage Temperature	-50°C to 105°C (-58°F to 221°F)

RS-485 Modbus RTU interface

32 optically isolated inputs

Removable screw terminals simplify field wiring

Status indicator LEDs for Communication, Fault, and Power

Input power via terminal block or modular connector

Includes four 3/4 metal standoffs with nuts

Sealevel SeaMAX software supports Microsoft Windows and Linux operating systems