ADAM-4055  
ADAM-4056S/4056SO  
ADAM-4080  

16-ch Isolated Digital I/O Module with Modbus  
12-ch Sink/Source Type Isolated Digital Output Modules with Modbus  
2-ch Counter/Frequency Module  

**Specifications**  
**General**  
- Connectors: 2 x plug-in terminal blocks (#14 - 22 AWG)  
- Power Consumption: 1 W @ 24 VDC  
- Watchdog Timer: System (1.6 second) & Communication  
- Supported Protocols: ASCII command and Modbus/RTU  
- Isolation Voltage: 5000 VDC  
- LED Indicators: Yes  

**Digital Input**  
- Channels: 8  
- Input Level:  
  - Dry Contact: Logic level 0: open  
  - Logic level 1: close to GND  
  - Wet Contact: Logic level 0: 3 V max.  
  - Logic level 1: 10 – 50 V  
- Overvoltage Protection: 70 VDC  

**Digital Output**  
- Channels: 8, open collector to 40 V (200 mA max. load)  
- Power Dissipation: Channel: 1 W max.  
  - Total: 2.2 W (8 Channels)  

**Common Specifications**  
**General**  
- Power Input: Unregulated 10 – 30 VDC  
- Operating Humidity: 5 – 95% RH  
- Operating Temperature: -10 – 70°C  
- Storage Temperature: -25 – 85°C  
  - (-13 – 185°F)  

**Ordering Information**  
- **ADAM-4055**: 16-ch Isolated Digital I/O Module with Modbus  
- **ADAM-4056S**: 12-ch Sink Type Isolated Digital Output Module with Modbus  
- **ADAM-4056SO**: 12-ch Source Type Isolated Digital Output Module with Modbus  
- **ADAM-4080**: 2-ch Counter/Frequency Modules  

All product specifications are subject to change without notice. Last updated: 27-Jun-2018