Sixnet Automation Series

red lpn[®]

Industrial Ethernet I/O Module

PRODUCT HIGHLIGHTS

- Single compact solution for small stations
- Lowest cost for small analog applications
- Input/output combination is ideal for control
- Ethernet or RS485 Modbus capability

PERFORMANCE SPECIFICATIONS

- 8 analog inputs
- Analog input range 4-20 mA
- Analog input resolution 14 bits (0.01%)
- Analog input characteristics Same as ET-16AI2
- 4 of analog outputs
- Output range 4-20 mA
- 16 bits D/A resolution (less than 1µA)
- Full scale accuracy (@20°C) +/- 0.02%
- Span and offset temp. coefficient +/- 50 ppm per °C typical
- Max. output settling time (to 0.05%) 5 mS
- Required user supplied voltage 10-30 VDC
- Load resistance range (@ +24 VDC supply) 0-750 Ohms
- Short circuit protection current limiting
- Fastest scan rate (all channels) 5 mS
- Required supply voltage 10-30 VDC (0.75 watt typical)
- Operating temperature range -30 to 70° C
- Storage temperature range -40 to 85° C
- Humidity (non-condensing) 5 to 95%

RS485 PORT FOR I/O EXPANSION

- 32 Max. RS485 station (up to 512 I/O)
- Baud rate: 38,400 bps
- Recommended distance of up to 0.5 mile
- Protocol: SIXNET "I/O for Windows", Modbus ASCII & RTU
- Isolation (from Ethernet port) 1200 Volts RMS 1 minute

ORDERING INFORMATION

ET-8AI2-4AO2-H 8AI and 4AO with wiring base ET-8AI2-4AO2-M Replacement module only

All specifications are subject to change. Consult factory for latest info.



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Connect. Monitor. Control.

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As the global experts in communication, monitoring and control for industrial automation and networking, Red Lion has been delivering innovative solutions for over forty years. Our award-winning technology enables companies worldwide to gain real-time data visibility that drives productivity. Product brands include Red Lion, N-Tron and Sixnet. With headquarters in York, Pennsylvania, the company has offices across the Americas, Asia-Pacific and Europe. For more information, please visit www.redlion.net. Red Lion is a Spectris company.



Connect Up to 8

4-20 mA Inputs and 4 4-20 mA Outputs

DC+

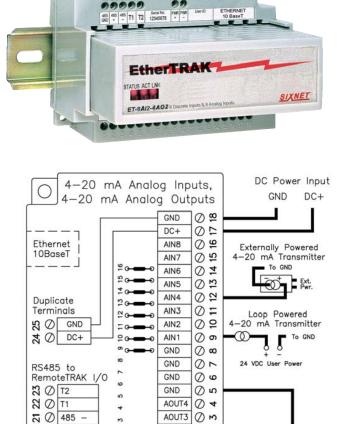
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AOUT1

0

Equivalent 4-20 mA

Output Circuit



AOUT2

AOUT1

AIN1

Ø

GND

100 л.

N

-H Base

(High Density Wiring)

Equivalent 4-20 mA

Input Circuit

ØN

0-

8 0 485 +

€ Ø 485 Gnd