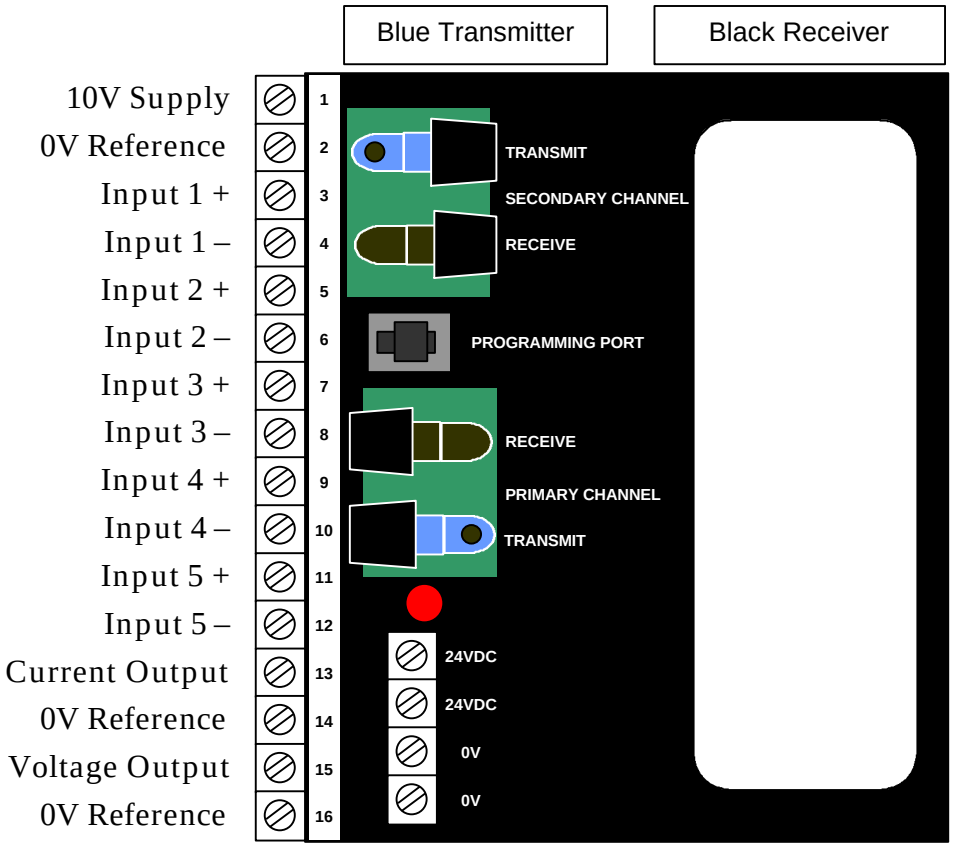
GENERAL DESCRIPTION

The L5201 *LINK* Analog I/O Module is an intelligent device that provides five differential analog inputs and one analog output which can be configured for either voltage or current.

The inputs are differential and accept voltages between 0 V and +10 V. The single analog output may be configured either as a 0–10 V voltage output or as a 4–20 mA current output. The 10V supply can provide up to 20 mA.

The L5201 *LINK* Analog I/O Module may be configured to perform a wide variety of control processing functions (including PID loops, diameter calculation, taper/tension calculation, winder control, draw calculation, etc).



NOTE

This module has the new insert and twist fiber optic terminals that do not require any connectors. Cut off the end of the fiber using termination kit LA385204, insert into the terminal, twist and tighten.

WARNING

If retrofitting an old LINK 1 module: The primary channel terminals now face downward and the secondary channel terminals face upward. This orientation is opposite to that of the old red and black T&B terminals.

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TECHNICAL SPECIFICATIONS

Environmental		
Temperature	0 – 50 °C	
Humidity	90% non-condensing	
Power Supply		
Voltage	20 – 28 VDC (24 V nominal)	
Current	150 mA max	
Inputs		
Range	0 – 10 V	Note 4
Impedance	500 k_	
Resolution	0.1 % (10 bits)	
Absolute accuracy	0.5 %	
Fastest Scan time	3 ms	Note 5
Voltage Output		
Range	0 – 10 V	Note 2
Current capability	5 mA max	
Resolution	0.1 % (10 bits)	
Absolute accuracy	0.5 %	
Fastest Scan time	3 ms	Note 5
Current Output		
Range	4 - 20 mA	Notes 2 , 3
Voltage capability	12 V max	
Resolution	0.1 % (10 bits)	
Absolute accuracy	0.5 %	
Fastest Scan time	3 ms	Note 5
Fiber optics		
Transmit length	Maximum 20 meters (66 feet)	
Intensity Range	-13 dBm to -27 dBm	

Note 1..... Not applicable.

Note 2..... Only the voltage ***or*** the current output may be active at one time.

Note 3..... The current output may be calibrated to provide a 0 – 20 mA output.

Note 4..... The inputs are protected at –0.5V and +30 V.

Note 5..... Effective scan time is constrained by system performance.

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