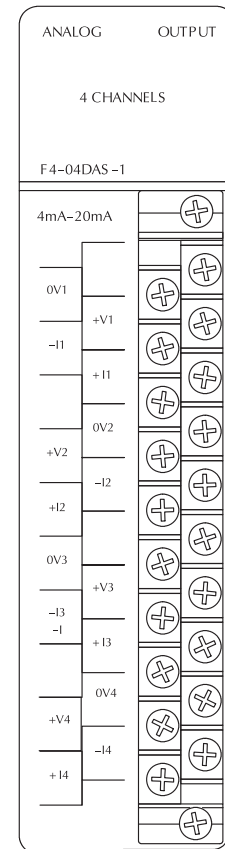
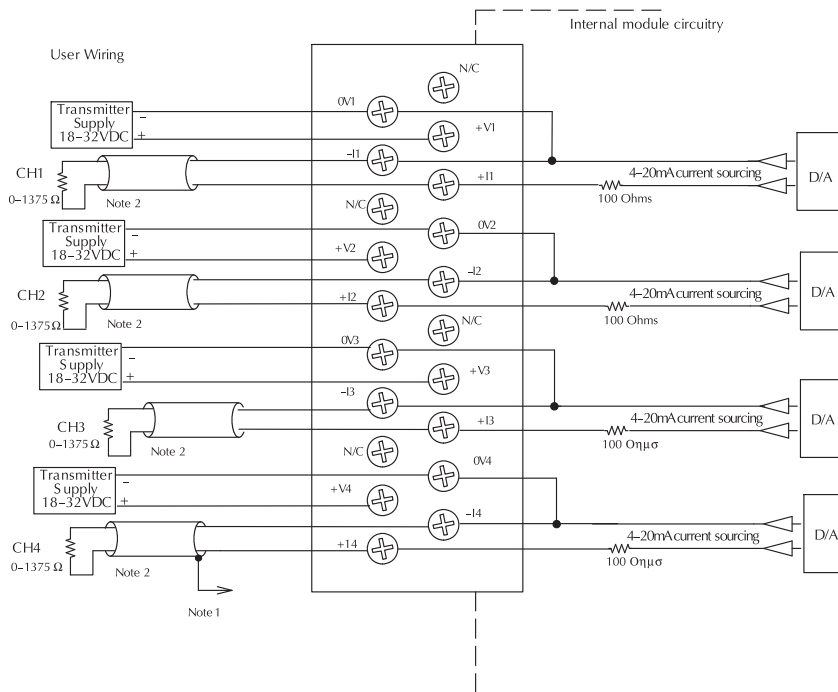


# Analog Output Modules

F4-04DAS-1 4-Ch. 4-20mA Isolated Analog Out <---->	
<b>Number of Channels</b>	4, isolated current sourcing
<b>Output Range</b>	4-20mA current
<b>Resolution</b>	16 bit (1 to 65536)
<b>Output Type</b>	Outputs source 4-20mA from external supply
<b>Isolation Voltage</b>	±750V continuous, channel to channel, channel to logic
<b>Loop Supply</b>	12-32VDC
<b>Output Loop Compliance</b>	Vin - 2.5V
<b>Load Impedance</b>	0-1375Ω (@ 32V)
<b>Maximum Load/Power Supply</b>	375Ω/12V, 975Ω/24V, 1375Ω/32V
<b>PLC Update Rate</b>	1 channel per scan min., 4 per scan max.
<b>Digital Output Points Required</b>	32 (Y) output points 16 binary data, 2 channel identification, 1bit output enable
<b>Power Budget Requirement</b>	60mA @ 5VDC (supplied by base)
<b>External Power Supply</b>	50mA per channel

<b>Terminal Type (included)</b>	Removable (D4-16IOCON)
<b>Linearity Error (End-to-End)</b>	± 10 count maximum (0.015% of full scale)
<b>Conversion Settling Time</b>	3ms to 0.1% of full scale
<b>Gain Calibration Error</b>	± 32 counts (± 0.05%)
<b>Offset Calibration Error</b>	± 13 counts (± 0.02%)
<b>Output Drift</b>	50ppm/°C
<b>Maximum Inaccuracy</b>	±0.07% @ 77° F (25° C) ±0.18% @ 32 to 140° F (0 to 60° C)
<b>Operating Temperature</b>	0 to 60°C (32° to 140°F)
<b>Storage Temperature</b>	-20 to 70° C (-4 to 158°F)
<b>Relative Humidity</b>	5 to 95% (non-condensing)
<b>Environmental Air</b>	No corrosive gases permitted
<b>Vibration</b>	MIL STD 810C 514.2
<b>Shock</b>	MIL STD 810C 516.2
<b>Noise Immunity</b>	NEMA ICS3-304

One count in the specification table is equal to one least significant bit of the analog data value (1 in 65536).  
 NOTE 1: Shields should be connected to the 0V.  
 NOTE 2: Load must be within compliance voltage.  
 NOTE 3: For non-isolated outputs, connect all 0V's together (0V1...0V4) and connect all +V's together (+V1...+V4).



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- DL205 PLC
- DL305 PLC
- DL405 PLC**
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