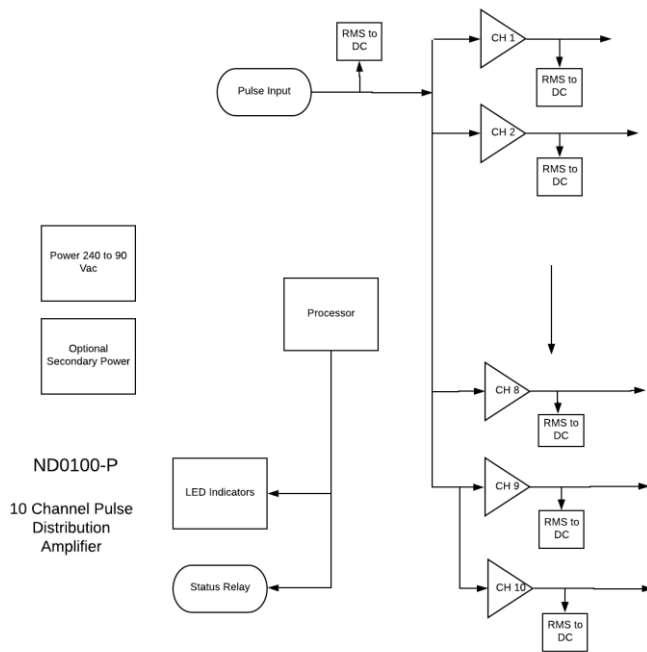


Company Datasheet #	ND0100-P
Revision #:	A
Date:	092821

ND0100-P

10 Channel PPS Distribution Amplifier



Low Channel Skewing

Channel skewing below 0.2 ns (typically below 100ps)

3.3 or 5 Vdc Logic Levels

Factory configurable to drive 50 Ohm loads

All channels are monitored for a fault condition and built-in test monitors critical circuits which drives panel indicators as well as alarm relay that can be wired into an alarm panel. Dual source inputs, unit measures input amplitude and pulse width.

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Technical Specifications

Output	5 or 3.3 Vdc Logic levels , 50 Ohm load capability
Connectors	Available BNC or SMA
Front Panel Display	LED Status indicators
Input	Pulse width > 500ns Amplitude Logic 1 > 1.5 Volts, Zero < 0.5 Volts
Rise/Fall Times	< 1 ns
Pulse Latency	< 25ns
Pulse Skewing	< 0.2 ns Typical < 100 ps
Power	
AC	Global AC power 90 to 250 VAC, 50/60hz, less than 10 watts
DC	Optional DC power – primary or back-up

Environmental and Mechanical

Operating temperature	0 to 50C non-condensing
Storage temperature	-40 to 70C
Height	1RU (~1.73)
Width	19 inch
Depth	12 inch
AC input	90 to 250 VAC, 50/60hz, less than 10 watts (DC power options available)
Weight	≈5.5lbs

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