



PG 8500
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Programmable Pulse Generators

- Single or dual channel versions
- Pulse repetition rate to 100 MHz
- Pulse width and delay control to 1 ns
- Amplitude span to 32 Vp-p within a $\pm 24V$ window
- Auxiliary ECL and TTL outputs
- Automatic error detection

Pulse Generators are differentiated by their pulse repetition rate and the control capability of their pulse width, delay and transition times.

AD Elektronik has an array of Pulse Generators suitable for automatic test stations and bench operation.

Unlike Function Generators, Pulse Generators are wholly dedicated to generate

pulses and for control of pulse related parameters such as pulse width, rise/fall time etc. Various

Model		<u>8500</u>	<u>8600</u>
Timing	Max. Frequency	50 MHz	100 MHz
	Frequency Accuracy	0.1%	
	Transition Time	5 ns	1.5 ns
	Rise/Fall Time Control	8 ns - 20 ns	Not Available
	Pulse Width Range	7 ns - 4 s	5 ns - 4 s
	Duty Cycle Range	1 - 95 %	
	Variable Delay	0 ns - 10 s	
Output	Output Channels	2	2
	Output Pulse Format	Delayed, Double, Inverted	
	Standard Waveforms	Pulse	Pulse
Amplitude	High/Low Level Range	12V/-12V	5V/-5V
	Amplitude (into 50 Ω)	16V	5V
	Offset Range	$\pm 12V$	$\pm 5V$
Operating Modes	Gate/Trigger	Standard	
	Counted Burst (n)	65,500	500,000
	Internal Trigger Source	Standard	
	Built-in Counter	Standard	
Interface	GPIB	Standard	