



Model 4030

10MHz Pulse Generator with 4-Digit LED Display

Data Sheet

Model 4030 10MHz Pulse Generator

The B&K Precision Model 4030 is a versatile signal source which combines four functions into one unit – waveform generation, pulse generation (through variable symmetry), frequency sweep operation, and triggered operation. The 4030 offers low rise and fall time pulsed signals up to 10MHz to meet many test and measurement applications.

Applications

With this versatility, it has a vast number of applications in both analog and digital electronics in the engineering, manufacturing, servicing, educational, and hobbyist fields.

Specifications

Frequency Range:

Internal: 0.1Hz to 10MHz in 8 decade ranges & variable

X'Tal Spot freq.: 1Hz, 10Hz, 100Hz, 1KHz, 10KHz, 100KHz, 1MHz, 10MHz.

Rate: 100nS – 0.1S

Triggering:

Internal: 0.1Hz to 10MHz

External: 10Hz to 10MHz

Manual: 1 pulse per sec

Ext. Trig-Input: +1V to +10V p-p sine & square waveform

Width: 50nS-50mS (6 decade ranges & variable)

Delay: 0-2uS variable w.r.t. trigger

Output Polarity: Normal/Inverting

Output:

Main Out: 1V-10V (open circuit)

Pulse Out: 0.5V-5V at 50W

Impedance: 50W

Rise & Fall Time: 10nS approximately

Output Terminal: BNC Connector

Power Supply:

Voltage: 115/230V AC +10%, 50/60Hz

Consumption: 10VA

Physical:

Dimensions (WxHxD): 11" x 3.7" x 12.2"

Weight: 5.1Lbs. approx.



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Specifications subject to change without notice