



Model	16914	
Input Signal	LED	
	Hi	Lo
Logic "1"	●	○
Logic "0"	○	●
Bad level or Open circuit	○	○
Square wave <200KHz	●	●
Square wave <200KHz	●	●
Narrow high pulse	●	●
Narrow low pulse	●	●

●LED On    ○LED Off    ◉LED may or may not be on

\* Blinking LED, Intensity is proportional to the duty cycle of the signal observed.

### Specifications

Sync input impedance.....1M  
Pulse Rate..... 0.5 / 400Hz  
Pulse Width..... 10µS  
Output current..... 100mA sink / Source  
Square Wave Output Current ..... 5mA sink / source  
Power Supply Range.....5 - 15V DC  
Power Supply Protection..... 20V DC (30 seconds max.)  
Sync Input Protection..... 120V DC (30 seconds max.)  
Test Point Protection..... 35V DC (30 seconds max.)

### Electrical (At 23±5°C, 75% relative humidity maximum):

Model	16914
Maximum Input Signal Frequency.....	50MHz
Input Impedance.....	120K
Operating supply range.....	4V DC Minimum, 18V DC Maximum
TTL    Logic "1" (Hi LED).....	>3.0±0.25V
Logic "0" (Lo LED).....	>0.75±0.25V
CMOS :    Logic "1" (Hi LED).....	>60% Vcc±5%
Logic "0" (Lo LED).....	>15% Vcc±5%
Minimum Detectable Pulse width.....	10 Nanoseconds
Maximum Signal Input Protection.....	±70V AC/DC (for 15 seconds)
Power supply protection.....	±20V DC
Pulse indicator Flash Time.....	

Note: Specifications are subject to change.

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