

Description

The NSL-45S50 is a TO-18 CdS photoconductive cell in a panel mount assembly, the photocell is in a hermetic flat lens package for moisture resistance.



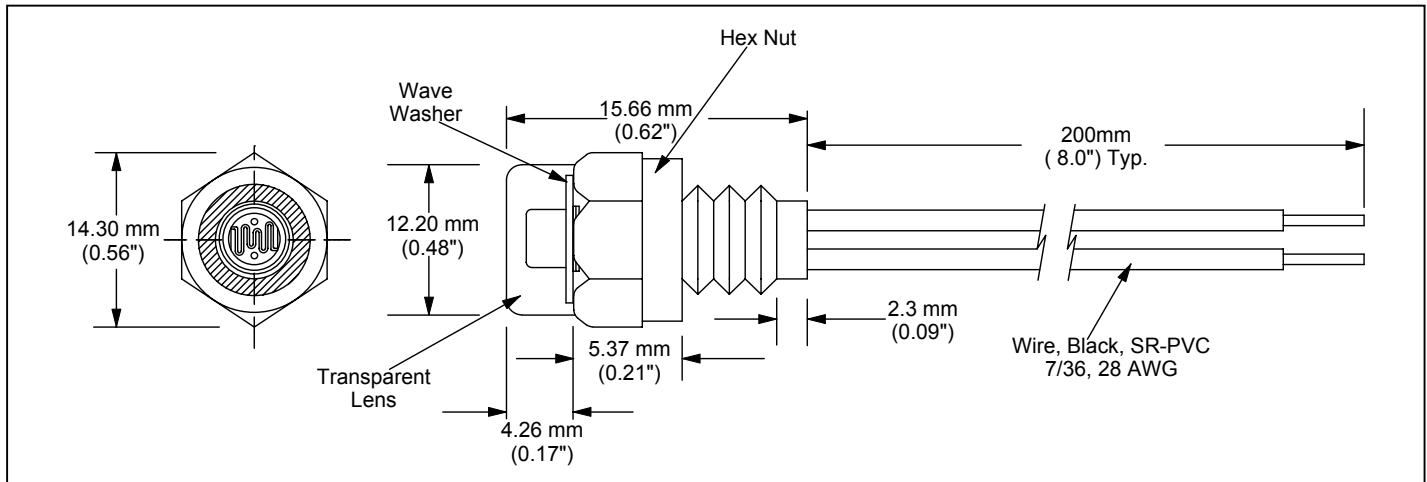
Absolute Maximum Ratings

Operating & Storage Temp -60°C to +75°C
 Power Dissipation @ 25°C (1) 50 mW
 Voltage (peak AC or DC) 60 V

Electrical Characteristics (T_A=25°C, source at 2854°K)(2)

Symbol	Parameter	Min	Typ	Max.	Units	Test Conditions
R _L	Light Resistance	20		100	KΩ	10 Lux
			5		KΩ	100 Lux
R _D	Dark Resistance	20			MΩ	10 sec after removal of light
λ _P	Peak spectral wavelength		550		nm	

- Notes: (1) Derate linearly to 0 at 75°C
 (2) Cells to be light adapted at 30 to 50 Ftc for 16 hrs minimum prior to electrical tests



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