

Digital Photo Sensor



Standard Specification

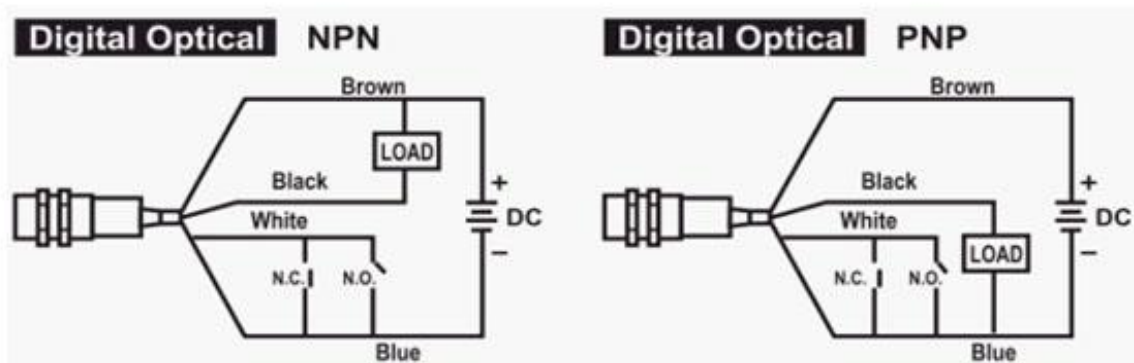
Type	Out type	1	NPN	UDN-50R-N
		2	PNP	UDN-50R-P
Detective Method				Reflex type
Sensitivity				With Setting Button
Sensing distance				50cm
Emission				Infrared
Current Operating voltage				DC 12V-24V permissible ripple (P.P):10% max.
Current consumption				≥ 60mA
Standard Sensing object				8*8cm White paper
Load current max.				200mA
Response frequency				100Hz
Residual output voltage				1.2V max. 1L= 200mA, cable 2m
Output type				N series: NPN NO/NC / P series: PNP NO/NC
Protection circuit				Polarity, short circuit, over current, surge voltage protection
Indicator				Green LED: Power / Red LED: Output
Wiring method				ø 4.7mm, 2m length. 0.23mm 4 conductor section
Ambient temperature and humidity				-25° C to 55° C , 35~90% RH
Degree operating temperature				IEC, IP67
Housing material				Housing: ABS material
Weight				100g
Accessories				nut and 3ø screw---each two units L type fixed one pcs

Operation Instructions

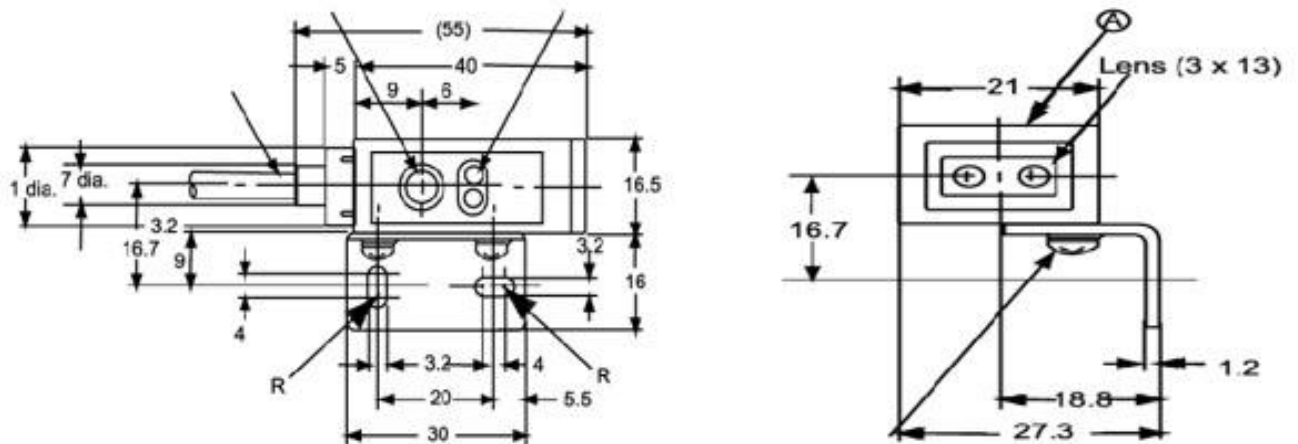
1. Setting Sensing distance: Aim beam spot at object and press "SET" button for 3 seconds till green light starts counting down to flashing to complete setting.
2. Disconnect white electric wire from "Normal Open." Short both blue and white wires and restart power to complete N/C switching.

Diagram

CONNECTION DIAGRAM



Dimensions



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