

Digital Photo Sensor



Features

1. On the different speed of LED Flash. It is for recognize the intensity of reflect light and correctness.
2. For helping the convenient and correct installation.
3. Self-detecting if the mirror is polluted to improve the complied well device.

Standard Specification

Type	Out type	1	NPN	UDX-200D-N
		2	PNP	UDX-200D-P
Detective Method				Mirror reflex type
Sensing distance				2M(With reflector)
Emission				Red LED
Current Operating voltage				DC 12V-24V permissible ripple (P.P):10% max.
Current consumption				≥ 60mA
Standard Sensing object				Opaque above 30mm opaque (56mm)
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				Remark1
Wiring method				ø 4.7mm, 2m length. 0.23mm 4conductor section
Ambient temperature and humidity				-25° C to 55° C , 35~90% RH
Degree operating temperature				IEC, IP67
Housing material				Tube: Brass nickel plated, Housing: PBT material
Weight				120g/150g
Accessories				nut and washer----each two units

Remark1.

1. Green Lamp is for indicating Power supply and Setting.
2. Yellow Lamp is for indicating the intensity of reflect light.
 - * When the reflect mirror defects the light point. The LED will be flashing due to different position and degree. When the light point is weak; the LED is flashing less, oppositely the LED is flashing more when the light point is strong. Till the light point is completed and properly detected, the LED is continuously ON.
 - * When switch defective the weak lighting due to the pollution, Yellow LED will be flashing as alarm to remind a maintainers.
3. Red light is for output signal.

Operation Instructions

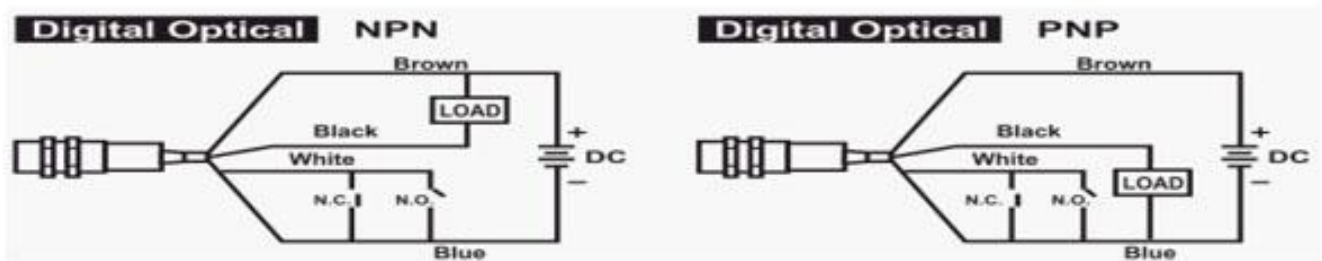
A. Setting sensitivity:

1. Aim beam spot at reflector and switch on yellow light.
2. Place object between sensor and reflector, and press "SET" button for 3 seconds till green light starts counting down to flashing. (Aim beam spot at empty space and press "SET" button for 3 seconds to return to factory setting)

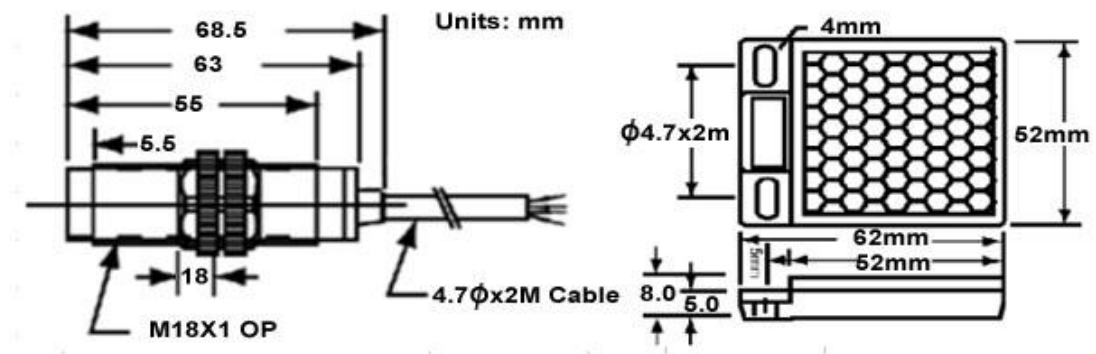
B. Disconnect white electric wire from "Normal Open." Short both blue and white wires and restart power to complete N/C switching.

Diagram

CONNECTION DIAGRAM



Dimensions



Contact

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