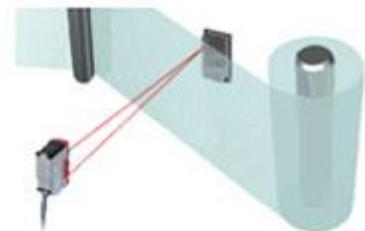
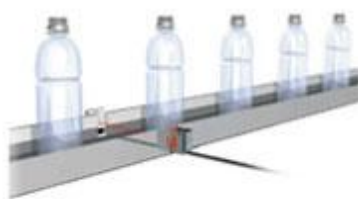
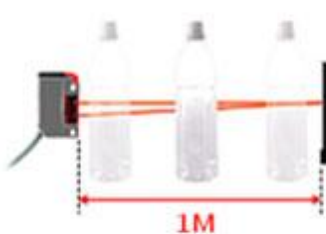


Photoelectric Sensor For Detecting Transparent Objects



Features

1. For detecting transparent objects, such as PE film, PE bottle... etc.
2. With digital signals and high resolution for Penetrability.
3. LED indicates status of mirror reflection
4. Maximum detecting distance: 1M.



Standard Specification

Type	Out type	1	NPN	UDN-100D-N
		2	PNP	UDN-100D-P
Detective Method				Mirror reflex type
Sensitivity				With Setting Button
Sensing distance				1M
Emission				Infrared
Current Operating voltage				DC 12V-24V permissible ripple (P.P):10% max.
Current consumption				≧ 60mA
Standard Sensing object				transparent
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 4 conductor section
Ambient temperature and humidity				-25° C to 55° C , 35~90% RH
Degree operating temperature				IEC, IP65
Housing material				Housing: ABS material
Weight				100g
Accessories				nut and washer----each two units

Remark1.

1. Green LED power
2. Yellow LED mirror reflection
3. Red LED output

Operation Instructions

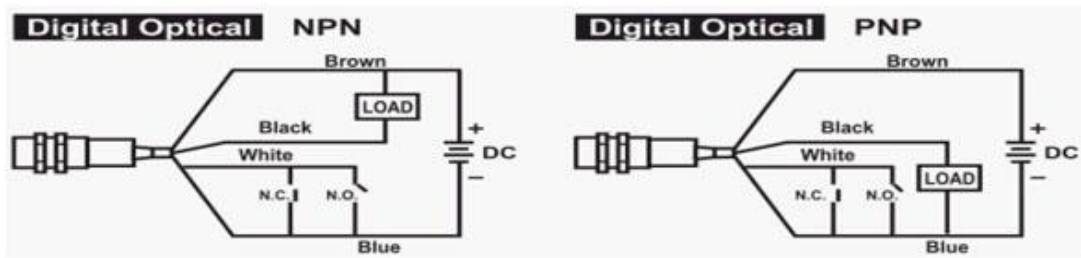
A. Setting sensitivity:

1. Aim beam spot at reflector and switch on yellow light.
2. Place translucent 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)

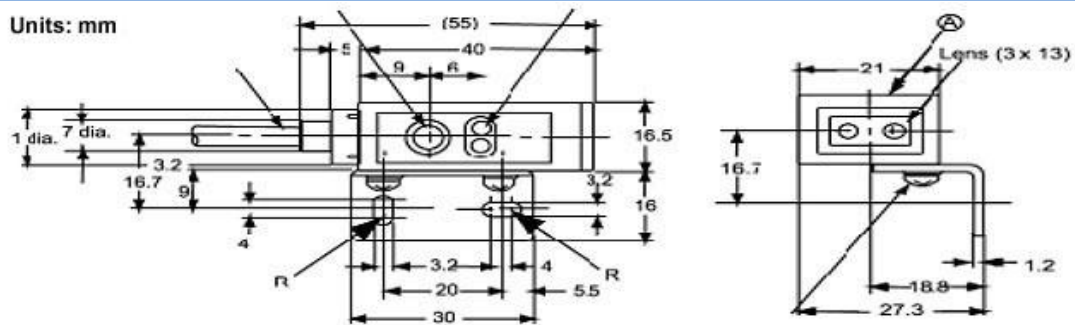
B. Disconnect white electric wire from "Normal Open." Short both blue and white wires and restart power to complete N/C switching.

Diagram

CONNECTION DIAGRAM



Dimensions



Contact

Taipei World Trade Center

Add: 3C25, Taipei World Trade Center, No. 5, Sec. 5, Hsin Yi Rd. Taipei Taiwan, R.O.C.

Tel: 886-2-27206601 (Rep.)

Fax: 886-2-23455120

E-mail: gitta@ms9.hinet.net

<http://www.maxthermo.com>

Factory

Add: 11F., No.168, Jiankang Rd., Zhonghe Dist., New Taipei City 235, Taiwan (R.O.C.)

Tel: 886-2-22287950 (Rep.)

Fax: 886-2-22286140

Thailand Office - THAI MAXIMUM ELECTRONIC CO., LTD

Add: 86/132-133 m.7 Samaedum Bangkoontien Bangkok 10150 Thailand.

Tel: +662-415-8318 , +662-417-2548-49

Fax: +662-415-8798

<http://www.thaimaximum.com>