

# Data sheet

Type	Standard type
Light source	Green LED(525nm)
Response time	Frequency 1: Max. 0.5ms, Frequency 2: Max. 0.7ms
Power supply	12-24VDC $\pm$ 10%(ripple P-P: max. 10%)
Current consumption	Max. 45mA
Operation mode	Light ON/Dark ON(set by ON/OFF button)
Control output	NPN open collector
Timer function	OFF Delay(40ms)
Sensitivity adjustment	Manual
Environment_Ambient illumination	Sunlight: Max. 11,000lx, Incandescent lamp: Max. 3,000lx (received illumination)
Environment_Ambient temperature	-10 to 50°C, storage: -20 to 70°C
Environment_Ambient humidity	35 to 85% RH, storage: 35 to 85% RH
Mutual interference prevention	Built-in differential frequency mode(frequency 1(normal mode): max. 0.5ms, frequency 2: max. 0.7ms)
Self-diagnosis output	ON state under unstable sensing(when the target stays for 300ms in unstable level), ON state when control output is short-circuited <ul style="list-style-type: none"> <li>▪Load voltage: Max. 30VDC <math>\pm</math></li> <li>▪Load current: Max. 50mA</li> <li>▪Residual voltage - Max. 1V(load current: 50mA), Ma</li> </ul>
Material	Case: Heat-resistance acrylonitrile butadiene styrene, Cover: Polycarbonate
Cable specification	Ø4mm, 4-wire, 2m(AWG22, core diameter: 0.08mm, number of cores: 60, insulator out diameter: Ø1.25mm)
Accessories	Fixing bracket, Bolts, Nuts
Weight	Approx. 120g(approx. 65g)

※The weight includes packaging. The weight in parenthesis is for unit only.

※The temperature or humidity mentioned in Environment indicates a non freezing or condensation.