

Data sheet

Type	External input sensitivity setting type
Light source	Red LED(660nm)
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 External input(SW1, SW2)
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"> ▪Load voltage: Max. 30VDC \pm ▪Load current: Max. 50mA ▪Residual voltage - Max. 1V(load current: 50mA), Ma
Material	Case: Heat-resistance acrylonitrile butadiene styrene, Cover: Polycarbonate
Cable specification	Ø4mm, 6-wire, 2m(AWG24, core diameter: 0.08mm, number of cores: 40, insulator out diameter: Ø1mm)
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.