

Data sheet

Type	External synchronization input 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
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"> ▪Load voltage: Max. 30VDC \pm ▪Load current: Max. 50mA ▪Residual voltage - Max. 1V(load current: 50mA), Ma
Input of stop transmission function	Built-in
External synchronization function	Built-in(gate/trigger)
Material	Case: Heat-resistance acrylonitrile butadiene styrene, Cover: Polycarbonate
Cable specification	\varnothing 4mm, 6-wire, 2m(AWG24, core diameter: 0.08mm, number of cores: 40, insulator out diameter: \varnothing 1mm)
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.