

Data sheet

Sensing type	Through-beam type
Sensing distance	15m
Sensing target	Opaque material of min. Ø12mm
Light source	Infrared LED(850nm)
Response time	Max. 1ms
Power voltage	12-24VDC $\pm$ 10%(ripple P-P: max. 10%)
Current consumption	Emitter/Receiver: Max. 20mA
Sensitivity adjustment	Sensitivity adjuster
Operation mode	Light ON/Dark ON(set by switch)
Control output	PNP open collector
Connection type	Cable type(Ø3.5, 2m)
Environment_Ambient illumination	Sunlight: Max. 11,000lx, Incandescent lamp: Max. 3,000lx (received illumination)
Environment_Ambient temperature	-25 to 55°C, storage: -40 to 70°C
Protection structure	IP65
Environment_Ambient humidity	35 to 85% RH, storage: 35 to 85% RH
Material	Case: Polycarbonate+Acrylonitrile butadiene styrene, LED Cap: Polycarbonate, Sensing part: Polymethyl methacrylate, Bracket: SUS304(steel use stainless 304), Bolt: Steel chromium molybdenum, Nut: Steel chromium molybdenum, Sleeve: Brass, Ni-plate
Accessories_Common	Fixing bracket, M3 Bolts: 4, M3 Nuts: 4, Adjuster driver
Weight	Approx. 115g (approx. 90g)

※M8 connector cable is sold separately. (cable - AWG22, Core diameter: 0.08mm, Number of cores: 60, Insulator out diameter: Ø1.25mm)
※The temperature or humidity mentioned in Environment indicates a non freezing or condensation.
※The weight includes packaging. The weight in parenthesis is for unit only.