

Data sheet

Sensing type	Through-beam type
Sensing distance	1m
Sensing target	Opaque material of min. Ø2mm
Light source	Red LED(650nm)
Response time	Max. 1ms
Power voltage	12-24VDC \pm 10%(ripple P-P: max. 10%)
Current consumption	Emitter/Receiver: Max. 20mA
Operation mode	Dark ON
Control output	PNP open collector
Connection type	Cable type(Ø2.5, 2m)
Environment_Ambient illumination	Sunlight: Max. 10,000lx, Incandescent lamp: Max. 3,000lx (received illumination)
Environment_Ambient temperature	-25 to 55°C, storage: -40 to 70°C
Protection structure	IP67
Environment_Ambient humidity	35 to 85% RH, storage: 35 to 85% RH
Material	Case: polybutylene terephthalate, sensing part: polymethyl methacrylate, bracket: SUS304(steel use stainless 304), bolt: carbon steel, sleeve: SUS304(steel use stainless 304)
Accessories	Fixing bracket, M2 bolt: 4
Weight	Approx. 70g (approx. 40g)

※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.