

Data sheet

Sensing type	Through-beam type(standard type)
Sensing distance	500mm
Sensing target	Opaque material of min. Ø5mm
Response time	Max. 1ms
Light source	Infrared LED(940nm)
Operation mode	Dark ON
Weight	≈ 150 g (≈ 200 g)
Power voltage	12-24VDC \pm 10%(ripple P-P: max. 10%)
Current consumption	Emitter/Receiver: Max. 30mA
Control output	NPN open collector
Environment_Ambient illumination	Sunlight: Max. 11,000lx, Incandescent lamp: Max. 3,000lx (received illumination)
Environment_Ambient temperature	-10 to 60°C, storage: -25 to 70°C
Environment_Ambient humidity	35 to 85% RH, storage: 35 to 85% RH
Protection structure	IP50
Connection type	Cable type(Ø4, 2m)
Material	Case: PC, sensing part: PC, bracket: SPCC, bolt: SCM, nut: SCM