

Data sheet

Sensing type	Diffuse reflective type
Sensing distance	300mm
Sensing target	Opaque, Translucent material
Light source	Infrared LED(940nm)
Response time	Max. 1ms
Power supply	12-24VDC \pm 10%(ripple P-P: max. 10%)
Current consumption	Max. 45mA
Sensitivity adjustment	Sensitivity adjuster
Operation mode	Light ON/Dark ON(set by control wire)
Control output	NPN open collector
Connection type	Cable type(ϕ 5, 2m)
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
Hysteresis(distance)	Max. 20% at sensing distance
Material	Case: Acrylonitrile butadiene styrene, Sensing part: Acryl, Bracket: Steel plate cold commercial, Bolt: Steel chromium molybdenum, Nut: Steel chromium molybdenum
Accessories_Individual	Adjuster driver
Accessories_Common	Fixing bracket, Bolts, Nuts
Weight	Approx. 100g

※Non-glossy white paper 100×100mm.

※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.