

Data sheet

Sensing type	Diffuse reflective type
Sensing distance	700mm
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. 50mA
Sensitivity adjustment	Sensitivity adjuster
Operation mode	Light ON/Dark ON(set by switch)
Control output	NPN, PNP open collector simultaneous output
Connection type	Terminal block type
Environment_Ambient illumination	Sunlight: Max. 11,000lx, Incandescent lamp: Max. 3,000lx (received illumination)
Environment_Ambient temperature	-20 to 55°C, storage: -25 to 70°C
Protection structure	IP65
Environment_Ambient humidity	35 to 85% RH, storage: 35 to 85% RH
Hysteresis(distance)	Max. 20% at sensing distance
Material	Case, Lens cover: Polycarbonate, Sensing part: Acrylic, Bracket: Steel plate cold commercial, Bolt: Steel chromium molybdenum, Nut: Steel chromium molybdenum
Accessories_Common	Adjuster driver, Fixing bracket, Bolts, Nuts
Weight	Approx. 116g

※Sensing distance: Non-glossy white paper 200×200mm.

※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.