

# Data sheet

Sensing type	Diffuse reflective type
Sensing distance	300mm
Sensing target	Opaque, Translucent material
Light source	Infrared LED(940nm)
Response time	Max. 20ms
Power supply	24-240VAC- ±10% 50/60Hz, 24-240VDC $\pm 10\%$ (ripple P-P: max. 10%)
Current consumption	Max. 4VA
Sensitivity adjustment	Sensitivity adjuster
Operation mode	Light ON/Dark ON(set by switch)
Control output	Relay
Connection type	Cable type(Ø5, 2m)
Environment_Ambient illumination	Sunlight: Max. 11,000lx, Incandescent lamp: Max. 3,000lx (received illumination)
Environment_Ambient temperature	-20 to 65°C, storage: -25 to 70°C
Protection structure	IP50
Environment_Ambient humidity	35 to 85% RH, storage: 35 to 85% RH
Hysteresis(distance)	Max. 20% at sensing distance
Material	Case, Case cover: Heat resistant Acrylonitrile butadiene styrene, Sensing part: Polycarbonate(with polarizing filter: polymethyl methacrylate), Bracket: Steel Plate cold commercial, Bolt: steel chromium molybdenum, Nut: steel chromium molybden
Accessories_Common	Adjuster driver, Fixing bracket, Bolts, Nuts
Weight	Approx. 195g

※Non-glossy white paper 100×100mm.

※The weight includes packaging. The weight in parenthesis is for unit only.

※The temperature or humidity mentioned in Environment indicates a non freezing or condensation.