

Data sheet

Sensing type	Diffuse reflective type
Sensing distance	400mm
Sensing target	Opaque, Translucent material
Light source	Red LED(660nm)
Response time	Max. 1ms
Power voltage	10-30VDC \pm 10%(ripple P-P: max. 10%)
Current consumption	Max. 30mA
Sensitivity adjustment	Sensitivity adjuster
Operation mode	Light ON/Dark ON(set by control wire)
Control output	NPN open collector
Connection type	Cable type(Ø4, 2m)
Environment_Ambient illumination	Sunlight: Max. 11,000lx, Incandescent lamp: Max. 3,000lx (received illumination)
Environment_Ambient temperature	-25 to 60°C, storage: -30 to 70°C
Protection structure	IP67(IEC standard), IP69K(DIN standard)
Environment_Ambient humidity	35 to 85% RH, storage: 35 to 85% RH
Hysteresis(distance)	Max. 20% at rated sensing distance
Material	· Case: stainless steel 316L · Lens, Lens cover: polymethyl methacrylate acrylic
Weight	Approx. 150g(approx. 70g)

※Non-glossy white paper 100×100mm.
※M12 connector cable is sold separately.
※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.