

# Data sheet

Sensing type	Diffuse reflective type
Sensing distance	100mm
Sensing target	Opaque, Translucent material
Light source	Infrared LED(850nm)
Response time	Max. 1ms
Power supply	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( $\varnothing$ 4, 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)
Environment_Ambient humidity	35 to 85% RH, storage: 35 to 85% RH
Hysteresis(distance)	Max. 20% at rated sensing distance
Material	Case: Polycarbonate Lens, Lens cover: Polymethyl Methacrylate Acrylic
Weight	Approx. 120g (approx. 60g)