


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	Selectable Light ON or Dark ON by control wire (white)
Control output	PNP open collector
Connection type	<p>Ø4mm, 4-wire, 2m (emitter of through-beam type: Ø4mm, 2-wire, 2m)</p> <p>(AWG26, core diameter: 0.52mm, number of cores: 20, insulator out diameter: Ø1mm),Selectable Light ON or Dark ON by control wire (white)</p>
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)
Approval	
Environment_Ambient humidity	35 to 85% RH, storage: 35 to 85% RH
Hysteresis(distance)	Max. 20% at rated sensing distance
Material	<ul style="list-style-type: none"> · Case: brass, Ni-plate · Lens, Lens cover: polymethyl methacrylate acrylic
Accessories_Common	M18 fixing nut: 2, adjustment screwdriver
Weight	Approx. 150g(approx. 70g)