

Data sheet

Sensing type	Through-beam type
Sensing distance	20m
Sensing target	Opaque material of min. Ø7mm
Light source	Red LED(660nm)
Response time	Max. 1ms
Power voltage	10-30VDC \pm 10%(ripple P-P: max. 10%)
Current consumption	Emitter/Receiver: Max. 20mA
Sensitivity adjustment	Sensitivity adjuster
Operation mode	Light ON/Dark ON(set by control wire)
Control output	PNP open collector
Connection type	Connector type(M12)
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
Material	· Case: brass, Ni-plate · Lens, Lens cover: polymethyl methacrylate acrylic
Weight	Approx. 160g (approx. 50g)