

Data sheet

Sensing type	Through-beam type(direct beam)
Sensing distance	Long distance mode: 0.1 to 3m Short distance mode: 0.05 to 1m
Light source	Infrared LED(850nm modulated)
Optical axis pitch	25mm
Number of optical axes	5
Sensing height	100mm
Power supply	12-24VDC \pm 10%(ripple P-P: max. 10%)
Control output	NPN open collector
Operation mode	Light ON/Dark ON(set by switch)
Environment_Ambient illumination	Sunlight: Max. 10,000lx, Incandescent lamp: Max. 3,000lx (received illumination)
Environment_Ambient temperature	-10 to 55°C, storage: -20 to 60°C
Connection type	Cable type(Ø4, 2m)
Protection structure	IP40
Environment_Ambient humidity	35 to 85% RH, storage: 35 to 85% RH
Min. sensing target	Opaque materials of min. Ø35mm
Response time	Max. 30ms
Material	Case: Polycarbonate/Acrylonitrile butadiene styrene, Sensing part: Polymethyl methacrylate
Cable specification	Ø4.0mm, 4-wire, 2m(emitter: Ø4.0mm, 3-wire, 2m) (AWG 22, core diameter: 0.08mm, number of cores: 60, insulator out diameter: Ø1.25mm)
Weight	Approx. 220g(approx. 180g)

※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.