

Data sheet

Sensing type	Through-beam type
Sensing distance	0 to 10m
Light source	Infrared LED(850nm modulated)
Power supply	12-24VAC~ ±10% 50/60Hz 12-24VDC $\overline{\text{---}}$
Current consumption and Power consumption	Current Consumption: Max. 2VA, Power Consumption: Max. 50mA
Control output	Relay(SPST(1a))
Sensing Channel	1-channel
Sensitivity adjustment	Set by button
Sensor cable length	5m
Environment_Ambient illumination	Sunlight: Max. 100,000lx(receiver illumination)
Environment_Ambient temperature	-20 to 55°C, storage: -25 to 60°C
Protection structure	IP30
Environment_Ambient humidity	35 to 85% RH, storage: 35 to 85% RH
Response time	Approx. 50ms(from light OFF)
Output holding time	Approx. 500ms(from light ON)
Available sensor set	1-channel
Sensor cable	∅2.4mm, 1-wire, 5m(AWG26, core diameter: 0.16mm, number of cores: 7, insulator out diameter: ∅1.32mm)
Material	Sensor - Holder: Acrylonitrile butadiene styrene, Lens: Polymethyl methacrylate, Lens guide: Polycarbonate, Nut: Polycarbonate Controller - Housing: Acrylonitrile butadiene styrene, Cover: Acrylonitrile butadiene styrene, Bolt: Steel chromium molybden
Accessories	Sensor 1set(ADS-SHP), Fixing bolt(M4×20) for controller: 2
Weight	Approx. 450g(approx. 300g)

※Do not use Load which is beyond the rated capacity of contact point of Relay.
It can cause bad insulation, contact fusion, bad contact, relay breakdown, and fire etc.
※The weight includes packaging. The weight in parenthesis is for unit only.
※Please purchase 1 set of sensor separately when mounting 2 sets of sensor.
※The mounting bracket of sensor (ADS-SB12, ADS-SB10) is sold separately.
※It is enable to purchase a controller (ADS-SEC1/2) separately.
※The temperature or humidity mentioned in Environment indicates a non freezing or condensation.