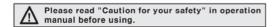
IB-27 SENSOR INFRARED RANGE 1.5 M 12 Vdc

■Features

- •Stop time selection function (Selectable stop time 2 / 7 / 15sec.)
- •4 steps variable function for front sensing area (7.5°, 14.5°, 21.5°, 28.5° 4steps variable)
- •Right/Left sensing area elimination function
- ●Power supply (24-240VAC/24-240VDC, 12-24VAC/12-24VDC
- •Built-in Microprocessor





Specifications

Model	IB-27
Cover color	Silver
Power supply	$24-240 \text{VAC} \pm 10\% \ 50/60 \text{Hz}, \\ 24-240 \text{VDC} \pm 10\% \ (\text{Ripple P-P:Max. } 10\%)$
Power consumption	Max. 4VA at 240VAC
Control output	(*1) Relay contact output Relay contact capacity: 50VDC 0.1A(Resistive load)
Relay life cycle	Mechanical: Min. 20,000,000, Electrical: Min. 50,000
Mounting height	2.0m ~ 2.7m(Max. sensing distance : 3m)
Sensing method	Infrared reflection method(Diffuse reflective type)
Output delay time	Time delay approx. 0.5sec.
Output holding time	Selectable 2 / 7 / 15sec. by slide switch
Interference prevention	H, L(Interfearence prevention switch)
Front sensing area	7.5° , 14.5° , 21.5° , 28.5° : Set angle by adjuster
Adjustable sensing area	(1, 2, 3 Area), (7, 8, 9 Area) Eliminate each by each: Adjustment with switch for eliminate Right/Left sensing area
Light source	Infrared chip diode(modulated)
Indicator	Power on : Green LED turns on, Sensing : Red LED turns on
Connection method	Connector wire connection
Insulation resistance	Min. 20MΩ (at 500VDC mega)
Noise strength	$\pm 2,000 \text{V}$ the square wave noise (pulse width: 1 μ s) by the noise simulator
Dielectric strength	1,000VAC 50/60Hz for 1 minute
Vibration	1.5mm amplitude at frequency of 10 ~ 55Hz in each of X, Y, Z directions for 2 hours
Shock	100m/s ² (Approx. 10G) in X, Y, Z directions for 3 times
Ambient illumination	Sunlight: Max. 11,000lx, Incandescent lamp: Max. 3,000lx
Ambient temperature	-20° ~ +50° (at non-freezing status), Storage : -20 ~ +70° C
Ambient humidity	35 ~ 85%RH, Storage : 35 ~ 85%RH
Accessory	Cable: 2.5m, Mounting screw: 2EA, Mounting template
Protection	IP50(IEC standard)
Material	Case: ABS, Lens: Acrylic, Lens cover: Acrylic
Unit weight	Approx. 320g

※(*1)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.

