

XA SERIES

PHOTOELECTRIC BEAM DETECTOR XA-101Q

Aleph provides more than 30 years of leading - edge technology in detective sensing devices. This advance technology earns Aleph the highest reputation in committing to deliver the most reliable security products in the industry



SPECIFICATION

Product Name		Photoelectric Beam Detector
Model		XA-101Q
Detection Method		Pulse Mark Coincidence From Infrared Beam
Coverage		10m(32.8ft.)~100m(328ft)
Max.Coverage		1000m (3280 ft)
Adjustable Range		Vertical: +5 degress, Horizontal: +90 degrees
Interruption Period		50msec/200msec/300msec/400msec/500msec/600msec/700msec 8 Channels
Channels		10.5 VDC to 28 VDC
Supply Voltage		
Current	Transmitter	80 mA max.
Consumption	Receiver	80 mA max.
Alarm	Conditions	When beam is shared When power supply voltage falls.
	Output	Rating DC 30V,0.3 A, Relay output 1:, Alarm duration : 2 seconds (mln) Indicator Red LED On (Alarm Condition)
Optical Alignment	Volatage Level	Insert the voltmeter's probe into the monitor jacks located on the receiver and adjustable for maximum voltage.
	Mirror Unit LED (enviroment Display)	Red LED Indicator ON, FLASH and OFF is changed by received level.
		Red LED Indicator Only ON and OFF change
Fog Detection	Conditions	It operates when a receover's sensivity level falls gradually and reaches a setting value
	Rating	Relay output 1a r 1b (selectable DIP switch) DC 30V, 0.3 A Relay output.
	Indicator	Red LED Indicator
Alarm Memory	Conditions	"Auto" operation: An A.M. Indicator" turns on after 3 minute. progress from an alarm and continues lighting for 47 minutes. Turns off after that. "Manual" position: It operates by connecting an A.M. Terminal to a "GND" and is reset by malding it "Open"
	Indicator	Red LED Indicator
Tamper Switch	Conditions	N.C Opens when Receiver's cover is open
	Rating	DC 30V, 0.3 A Dry contact
Power Indicator		Red LED ON when Transmitter is powered
Incidental Function		Automatic Gain Control (AGC function), Spare Terminal Block 4 places (Localed on Receiver)
Setup at the time of Shipment		Interruption Time For Alarm = 50 msec, Selectable Beam Channel = Channel Alarm Output = Normally closed
Enviromental temperature/Humidity		temperatures -25°C ~55°C (-13°F - 131°F) Relative Humidity : 95% max.
Dimensions		109.5 [L] x 105[W] x 490[H] [mm] 4.32[L] x 4.1[W] x 19.3[H] [inch]
Weight		Transmitter 67.o oz. (1900g): Receiver 70 70.6 oz. (2000g)
Accessories		Pole mouting brackets, Mounting Hook, Mounting Screws Cover with heater, Pole Cover, pole