

## Overview

The 4 channels contact closure to fiber converter transmit binary signal in one single optic fiber. It can be used in infrared alarm detector, fire, smoke detectors, anti-theft detectors and alarm system of long distance connection.

The 4 channels contact closure to fiber converter adopt optic fiber transmission technology transmitting multi channels contact closure signal over a single fiber. All digital uncompressed technology ensure real time transmission without distortion.

The modular design make it easier for customer flexibly choose configuration according to specific application., convieent for customer improve cable utilization rate. It has the advantages of high intergration, small volume, low power consumption, reliable work, convieient for installation and operation.



## Specifications

### Opitcal

Wavelength	1310nm&1470nm~1610nm
Output Power	-14~ -8dBm / -5~0dBm
Optic fiber	50/125u multimode 62.5/125u multimode 9/125u single mode
Rx sensitivity	-30dBm
Optical connector	FC ST SC (Optional)
Distance	0~2KM (MM) / 0~100KM (SM)

### Binary input/Output

Connector	Standard terminal lead
Contact Closure Channel	4 channels contact closure
Signal input	Alarm, Binary input, support TTL、RS-232/422/485 or passive switch button
Signal output	Arbitrary alarm, Binary output, support TTL、RS-232/422/485 or relay output

**Total Weight:** 1kg/pair (with power and package)

**Operating Voltage:** DC 5V (Offer external power supply from AC100-240V to DC 5V)

**Operating Temperature :** -10℃~ +75℃

**Storing Temperature :** -40℃~ +85℃

**Humidity:** 0~95% Non-condensing

**MTBF :** ≥ 100000Hours

**Warranty:** 3 years

### Standalone Dimensions:



