



• When detecting state remains over 300ms at unstable light ON/OFF level, the self diagnosis output turns ON. In case of stable light ON/OFF level, the self diagnosis output turns OFF. (① position) Interference prevention function (common)

BF4 series has interference prevention function, two fiber op different transmission frequencies. cables can be mounted very closely by setting

• Interference prevention function (operation of differential frequency mode) First sensor - Frequency 1 (response time: max. 0.5ms) First sensor - Frequency 2 (response time: max. 0.7ms) Set the mode setting switch to [SET].



Place up the lock lever to ③ direction to lock the lock setting and close the protective cove



Caution during Use

- 1. Follow instructions in 'Cautions during Use'. Otherwise, it may cause unexpected accidents. 2. 12-24VDC power supply should be insulated and limited voltage/current or Class 2, SELV power supply device.
- 3. When connecting DC relay or other inductive load to the output, remove surge by using diode or varistor.
- 4. Wire as short as possible and keep away from high voltage lines or power lines, to prevent surge and inductive noise.
- 5. Use the product, after 3 sec of supplying power.

