

How to Wiring the signal receiver to I/O of machine?

For FANUC control

The wiring configuration of JOYOSHINE's signal receivers is identical when used with the same machining control.



Signal receiver for infrared touch probe



Signal receiver for RF touch probe

| Wire Color | Signal Definition | Description |
|------------|--------------------------|-----------------------------|
| Red | 24V Power Supply | Positive power input |
| Red-white | 0V Power Supply | Power ground |
| Blue | SKIP (G31) | Probe trigger signal |
| Blue-black | 0V (G31 Common Terminal) | Common ground for G31 input |

Signal Conversion Logic:

The high/low level conversion of the SKIP (G31) signal is achieved by swapping the 24V and 0V power connections.

