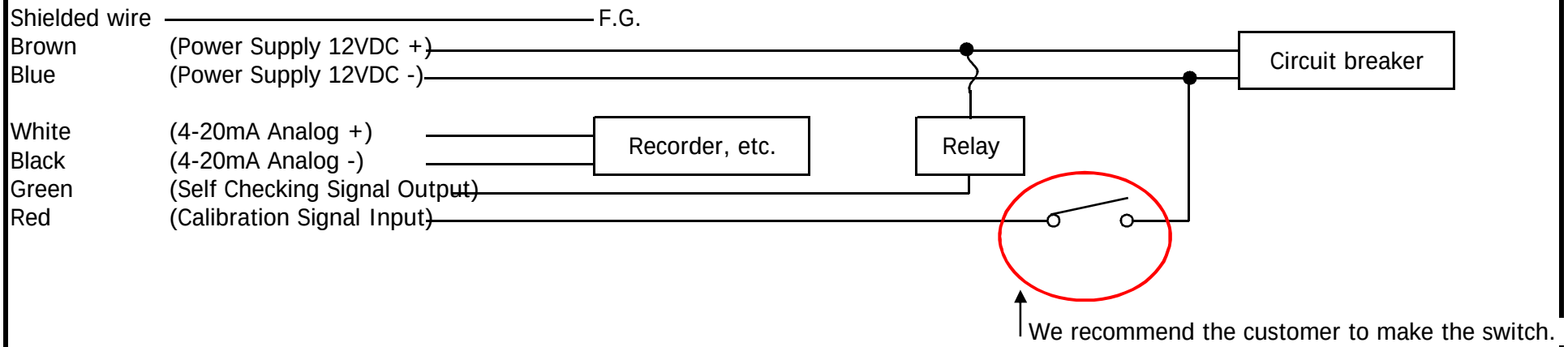
Calibration Method of TC-100/500/3000

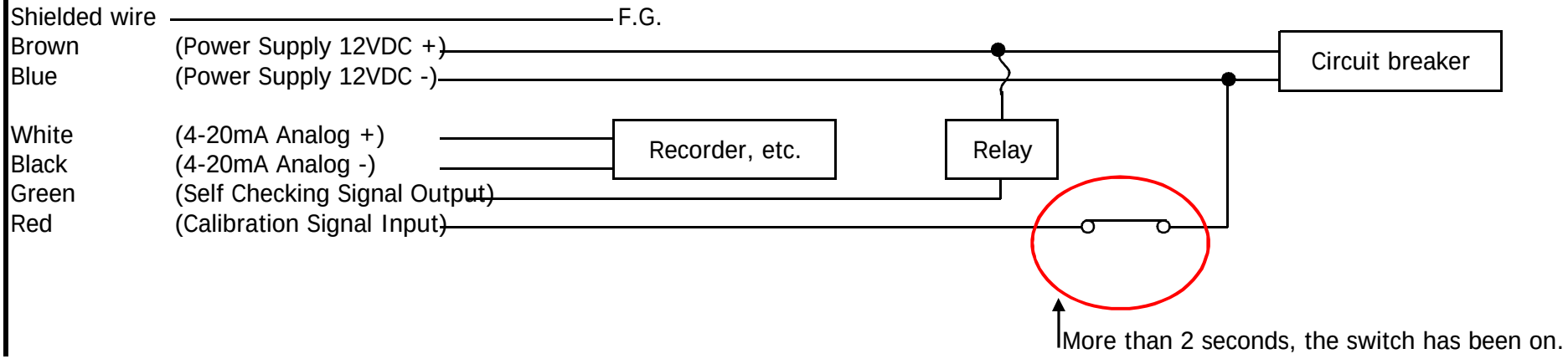
1) Please make the following wiring for the measurement and calibration.

Wire Color



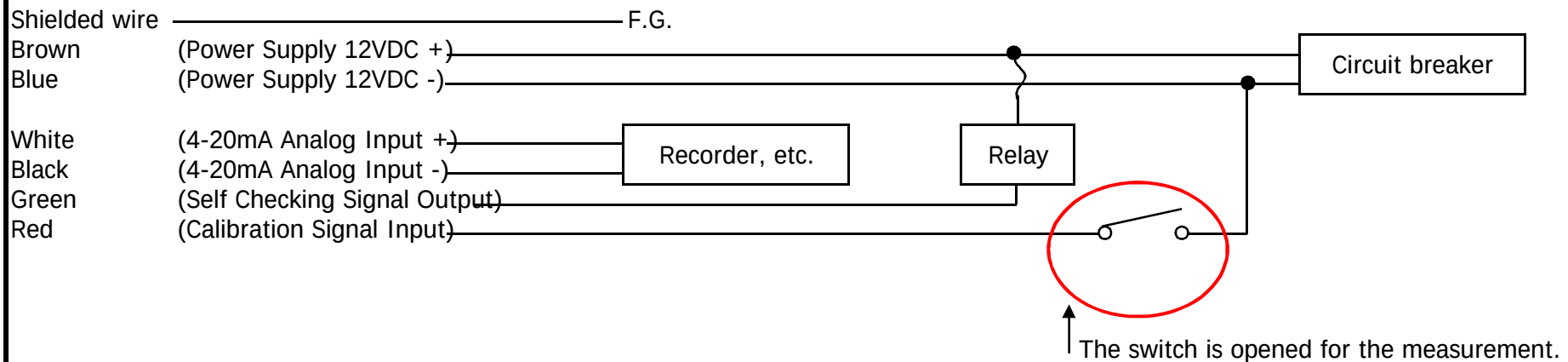
2) When the customer would like to carry out the calibration, please push the switch as follows.

Wire Color



3) After more than 2 seconds, since the calibration is completed, the switch is opened as follows

Wire Color



The procedure of calibration of TC-100

1. Pull up the detector from measuring sample, and clean the detector body and the detecting window cleanly.
2. Immerse the detector in distilled water or ion-exchange water.
3. After accustoming the detector to water temperature for five minutes or more, and make sure that air bubbles are not produced on detecting window And connect the calibration signal input terminal to "- 12VDC (minus 12VDC)" for two seconds or more.
4. After two seconds or more is elapsed, disconnect the calibration signal input terminal from the "! ;- 12VDC (minus 12VDC)", Calibration signal input terminal should be pulled up to open or +12VDC during measurement.
5. Immerse the detector in measured water (forumajin, etc) of known concentration and make sure of analog(4~20mA) signal output.
6. Adjust the analoge(4~20mA) signal output Receiving side as occasion demands.