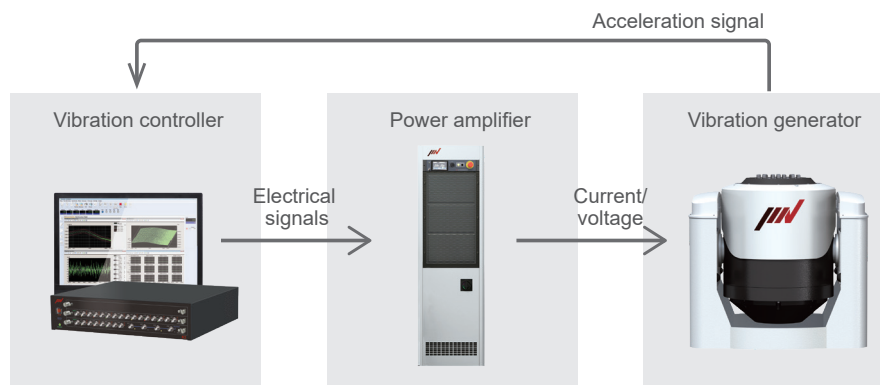


What to do when a loop check error occurs (3)

► Description

Possible causes and remedies for loop-check errors.

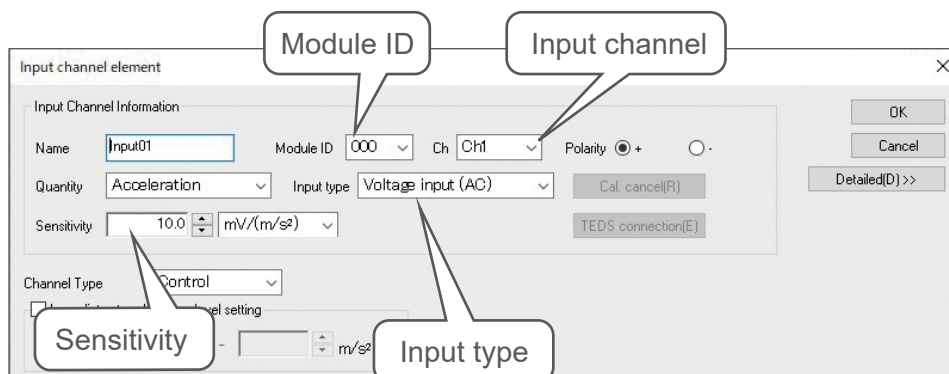
Description	IMV vibration test systems are controlled through feeding back signals from the installed vibration sensor and constantly monitoring the vibration conditions. Thus, without a feedback signal the device cannot operate. The condition in which no feedback signal is present is called a loop check error.
Target series	All series



• Error cause and remedy

Description	Loop check error
Cause	Incorrect sensor settings *Please check the sensor settings, especially if the shaker stops immediately after moving, or if it moves in an unusual way and causes an error.

Confirmation 1 Are the sensor and sensitivity settings correct?



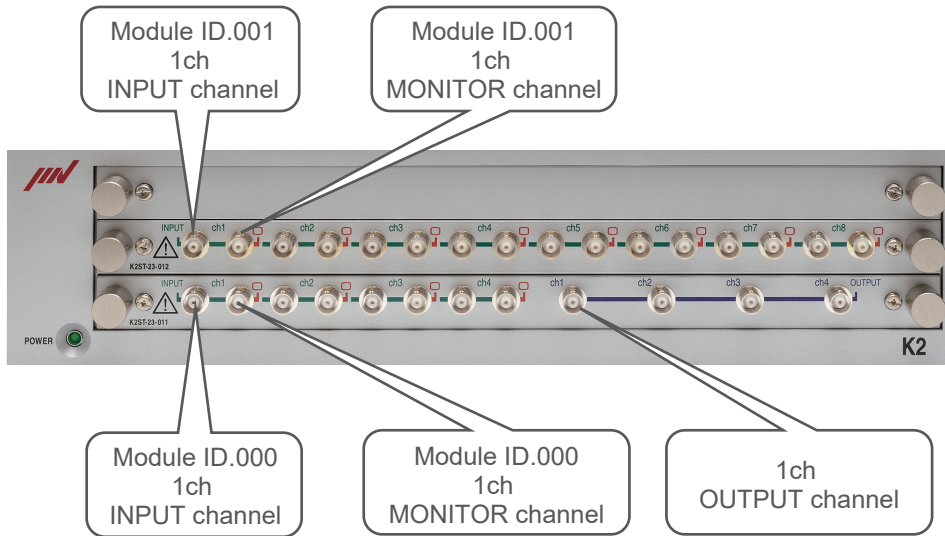
The input type depends on the type of sensor.
Please refer to the following to check the type of sensor you are using.

1. Charge input: $\text{pC}/(\text{m/s}^2)$
2. Voltage input: $\text{mV}/(\text{m/s}^2)$
3. IEPE input: $\text{mV}/(\text{m/s}^2)$



Confirmation 2

Is the sensor correctly connected to the configured channel?



*Connect the sensor to the INPUT channel.

*The module IDs are 000, 001 and 002 from the bottom.

If the problem cannot be resolved, the vibration test system may be faulty.
Please contact the IMV Service Centre.



Inquiries