Input loop check verifies whether device signals are being received by the controllers and the control system.

Previously, depending on the device that was being tested, different procedures needed to be followed to perform this test.

Regardless of device model or make, all it takes with FieldMate is to click (touch) the Input Loop Check Support button to output a loop check signal from a device.
Input loop checking with FieldMate

FieldMate connects and communicates with target device.

1. Input Loop Check Support function is launched.

Please click!
Input loop checking with FieldMate

Setting in Input Loop Check Support function. The output signal can be set to the desired level to create a test pattern.

① Test pattern consists of number, level, and output time of test signal.
Input loop checking with FieldMate

Test pattern can be saved and retrieved.

Test pattern can be selected from user defined files and the built-in test patterns that are provided in FieldMate.
Preparation of the test finished.

Test pattern
- Number of test signal: 5
- Signal levels (%): 0-50-100-50-0
- Output time of each signal: 20 sec.
Starting to output the test signal.
Input loop checking with FieldMate

Outputting the test signal.

① Blue bar shows the progress of the test. In this case, it shows that the test is about 50% passed.
Outputting test signal finished.

Please click!
Input Loop Check finished. Control system person judges that this test is “Pass”.

① “Pass” is selected as the test result.

Please click!
The test result is saved.

1. The test result is saved and then the test completes.
The saved test results can be confirmed and output as report.

Thank you for your attention.