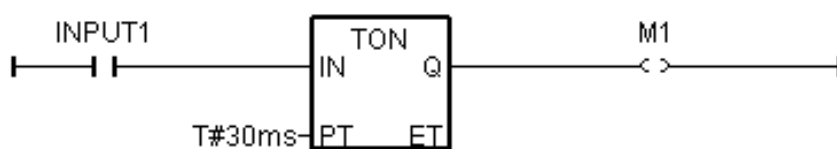# How to determine a D/I if it has bouncing problem?

Click the link for more ISaGRAF FAQ.

Some Digital Input devices have bouncing problem. They act similar as below.
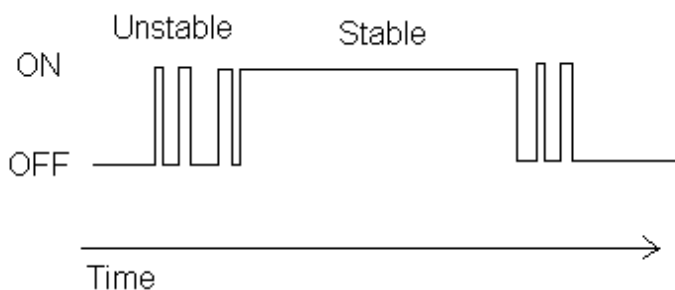
To determine the stable status of this D/I. User can write LD program as below.

Assume 30ms to be seen as True.

Then M1 is the stable status of Input1.