

TEST REPORT

DIGITAL LOCK WS200 Endurance Test for Unlocking/Locking Operation by Password (Including Endurance Test for Operation of Start Button)

NOTE

1. Test sample Part no. 1YH30-00000
 Part name WS200 BODY ASSY
 Quantity n=2

2. Test method
 - 1) Date Nov. 18 to Dec. 5, 2013
 - 2) Testing Machine Endurance testing machine for locking/unlocking operation by password
 (Operation of 10-key keypad)

 - 3) Method Put artificial finger(soft rubber) on the front edge of air cylinder and press keypad.
 Test at normal temperature.
 Perform 250,000cycles of the following operation (unlocking/locking).
 Press start button, press password, 45454, and press start button to lock. (1 cycle)
 *Use special software and skip actual motor movement.
 *Apply artificial sweat solution each time.

 - 4) SPEC Endurance number of times for keypad operation: 500,000times
 (Number of times to press one keypad)
 Endurance number of times for start button operation: 500,000times
 (Press twice for 1cycle (unlocking/locking.))

 - 5) Judgment criterion ①No abnormality when it is locked/unlocked by password after the test
 ②No abnormality for keypad functioning after the test
 ③No remarkable abrasion or peeling off of the paint on screen after the test
 ④Click feeling of start button should not be worn out after the test

3. Test results.

PASSED