

# Velox

The Best In Machine Guarding  
Interlock Options





# Industry's Fastest-Installing Machine Guarding

## Option 1: THESSQ1

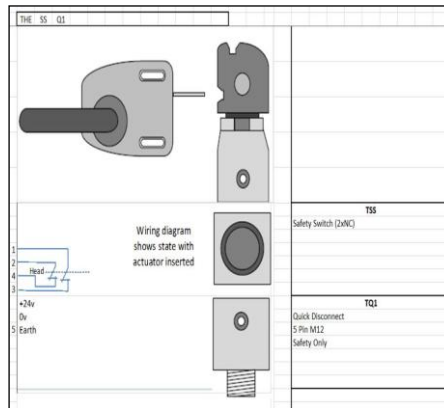
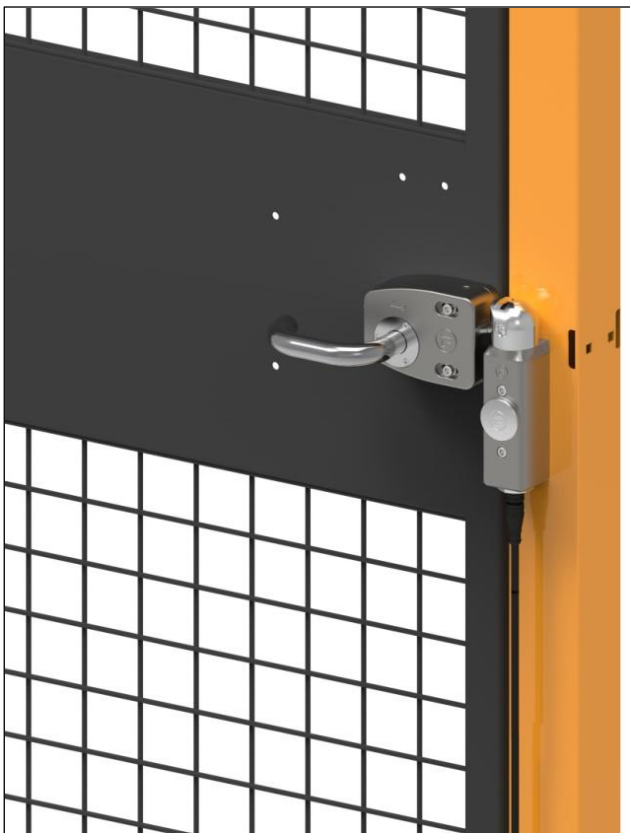
### Sequence of Operation:

When the guard door is closed and locked the machine will operate.

Operator can gain entry by pressing down the silver access handle and retracting the tongue from the safety gate switch head, preventing restart of the machinery.

power to the machine and enables the guard door to be opened.

After the door has been opened, lockout/tagout can be applied to the a metal flap at the back of the handle, preventing the tongue from being reinserted into the safety gate switch head, preventing restart of the machinery.





# Industry's Fastest-Installing Machine Guarding

## Option 2: THESNSSQ1

### Sequence of Operation:

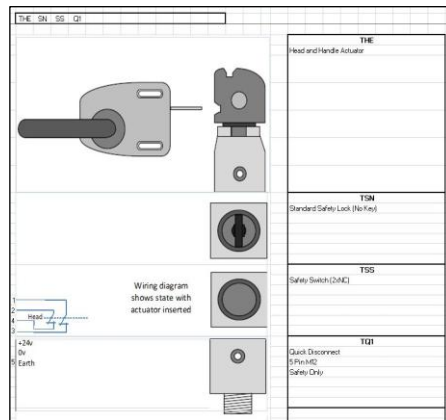
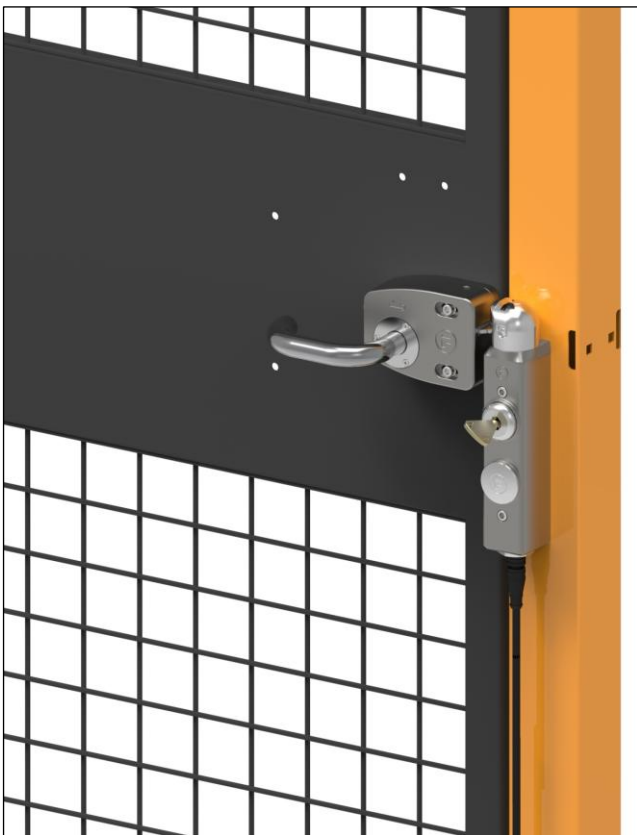
When the guard door is closed and locked the machine will operate.

Operator can gain entry by turning the key 90° clockwise which immediately isolates power to the machine and enables the silver access handle to be operated in order to open the guard door.

The key is removed and kept by the operator while working inside the guarded area.

After door has been opened, lockout/tagout can be applied to the a metal flap at the back of the handle. Machinery cannot be restarted while operator is inside the area.

After work is completed, remove lockout/tagout, close and lock the door. Once the key is in run position the machinery can restart.





# Industry's Fastest-Installing Machine Guarding

## Option 3: THESSELQ5

### Sequence of Operation:

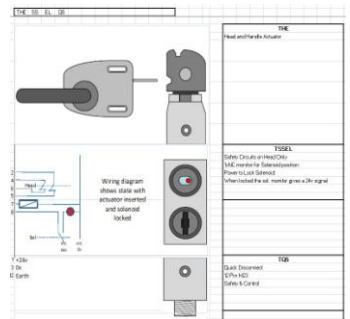
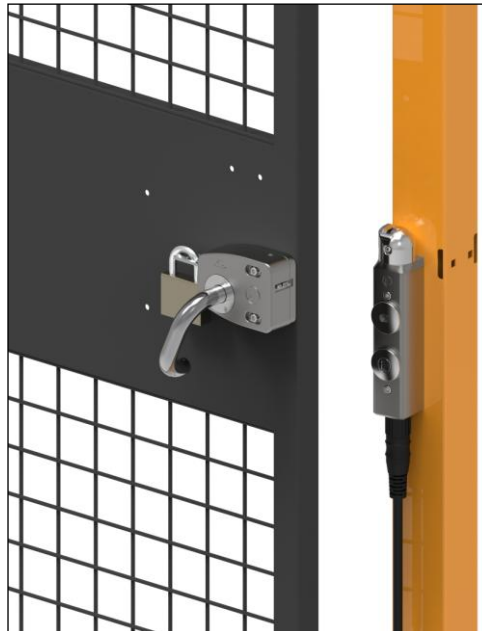
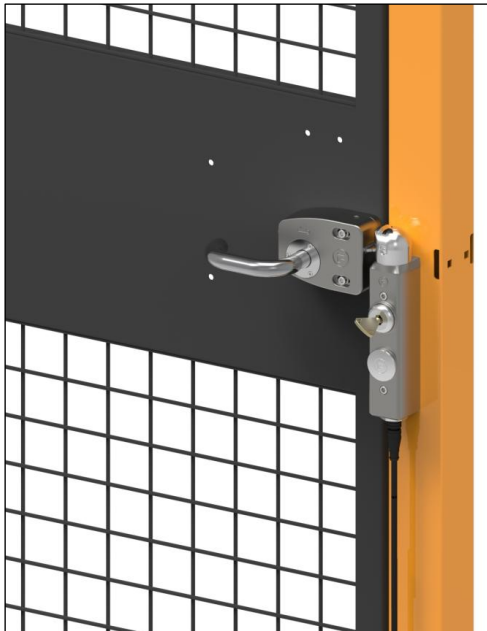
When the guard door is closed and locked the machine will operate. This switch utilizes a solenoid which holds the guard door closed until the machine has finished its current operating cycle.

The operator must request access by pressing a push button on a nearby machine control panel or the machine's HMI. This initiates the entry procedure and brings the machine to a controlled stop.

Once the machine has finished its current

operating cycle and the machine has entered a safe state of operation, a signal will be sent to energize the solenoid controlled safety gate switch – illuminating the red LED on the body of the switch to notify the operator it is now safe to enter the machine. The operator presses down on access handle to gain entry.

At this point, the silver access handle can now be pressed down to open the door and lockout/tagout can be applied. After the work is completed, remove lockout/tagout, close and lock the door.





# Industry's Fastest-Installing Machine Guarding

## Option 4: THESNSMELQ5

### Sequence of Operation:

When the guard door is closed and locked the machine will operate. This switch utilises a solenoid which holds the guard door closed until the machine has finished its current operating cycle.

The operator must request access by pressing a push button on a nearby machine control panel or the machine's HMI. This initiates the entry procedure and brings the machine to a controlled stop.

Once the machines has finished its current operating cycle and the machine has entered a safe state of operation, a signal

will be sent to energize the solenoid controlled safety gate switch – illuminating the red LED on the body of the switch to notify the operator it is now safe to enter the machine.

The key is turned 90° clockwise, illuminating the Green LED on the body of the switch. This enables access by pressing down on handle to open the door.

The key is removed and kept by the operator while working inside the guarded area. After the work is completed, remove lockout/tagout, close and lock the door. Once the key is in run position the machinery can restart.

