Input Controls

0

Button_RequestCycle   ONS_RequestCycle
┤ ├   ┤ONS├

Cycle Mode:
SEQ 0 - FILL
SEQ 1 - DRAIN
SEQ 2 - FLUSH
SEQ 3 - HOME
MOV
Move
Source   0

Dest   Cycle_Sequence
3

1

Button_CycleResetRequest   ONS_ResetRequest
┤ ├   ┤ONS├

Cycle Mode:
SEQ 0 - FILL
SEQ 1 - DRAIN
SEQ 2 - FLUSH
SEQ 3 - HOME
MOV
Move
Source   3

Dest   Cycle_Sequence
3

Sequence 0 - Go from home position to fill position. Stay there for 10 seconds.

Cycle Position/Mode
0 = Home
1 = Fill
2 = Drain
3 = Flush
4 = Travelling

2

EQU
Equal
Source A   Cycle_Position
4
Source B   1

Fill Position for 10
seconds
TON
Timer On Delay   (EN)
Timer   FillPosition_Delay
Preset   10000   (DN)
Accum   0

3

Fill Position for 10
seconds
FillPosition_Delay.DN
┤ ├

Cycle Mode:
SEQ 0 - FILL
SEQ 1 - DRAIN
SEQ 2 - FLUSH
SEQ 3 - HOME
MOV
Move
Source   1

Dest   Cycle_Sequence
3

Sequence 1 - Go from fill position to drain position. Drain water for 20 seconds.

Cycle Position/Mode
0 = Home
1 = Fill
2 = Drain
3 = Flush
4 = Travelling

4

EQU
Equal
Source A   Cycle_Position
4
Source B   2

Drain position for
20 seconds
TON
Timer On Delay   (EN)
Timer   DrainPosition_Delay
Preset   20000   (DN)
Accum   0

5

Drain position for
20 seconds
DrainPosition_Delay.DN
┤ ├

Cycle Mode:
SEQ 0 - FILL
SEQ 1 - DRAIN
SEQ 2 - FLUSH
SEQ 3 - HOME
┌──────MOV──────┐
│ Move   │
│ Source   2 │
│   │
│ Dest Cycle_Sequence │
│   3 │
└───────────────┘

Sequence 2 - Go from drain position to flush position. Flush for 10 seconds.

6

Cycle Position/Mode
0 = Home
1 = Fill
2 = Drain
3 = Flush
4 = Travelling
┌──────EQU──────┐
│ Equal   │
│ Source A Cycle_Position │
│   4 │
│ Source B   3 │
└───────────────┘

┌──────TON──────┐
│ Timer On Delay   │─(EN)
│ Timer FlushPosition_Delay │
│ Preset   10000 │─(DN)
│ Accum   0   │
└───────────────────┘

7

FlushPosition_Delay.DN
┤ ├

Cycle Mode:
SEQ 0 - FILL
SEQ 1 - DRAIN
SEQ 2 - FLUSH
SEQ 3 - HOME
┌──────MOV──────┐
│ Move   │
│ Source   3 │
│   │
│ Dest Cycle_Sequence │
│   3 │
└───────────────┘

(End)