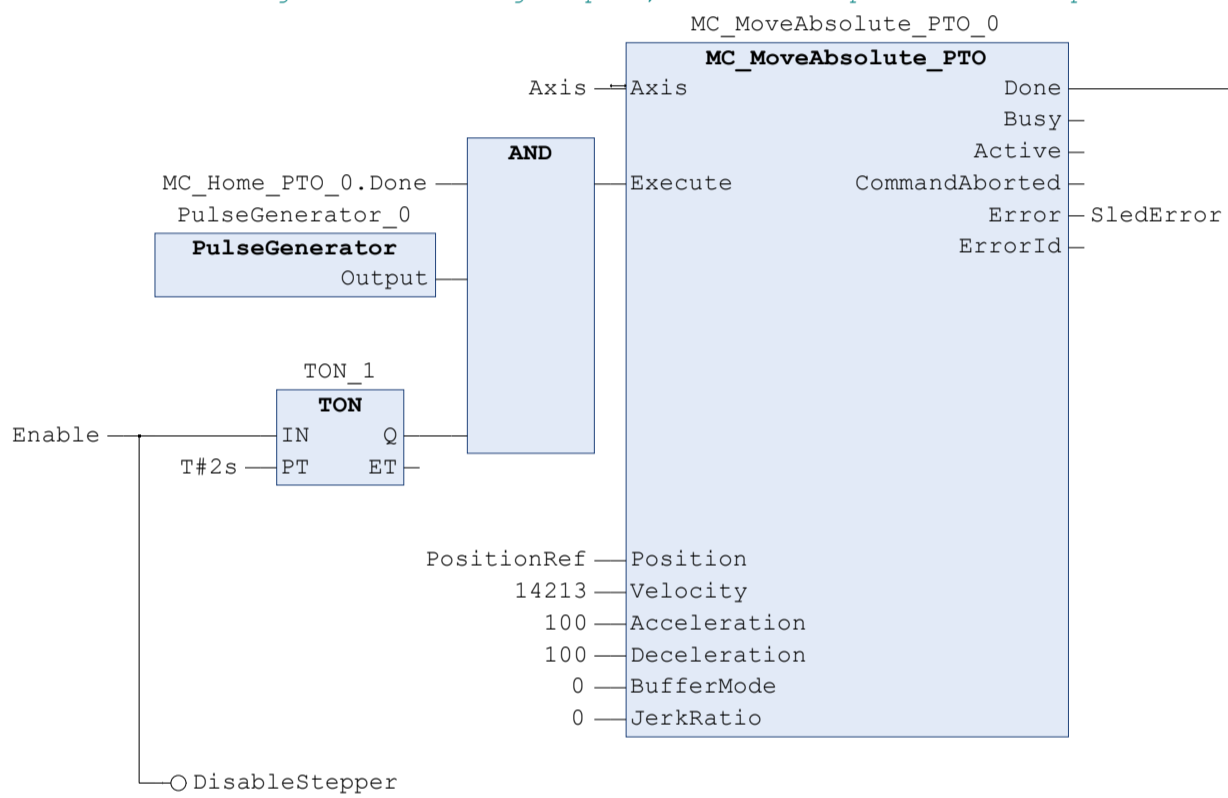


```

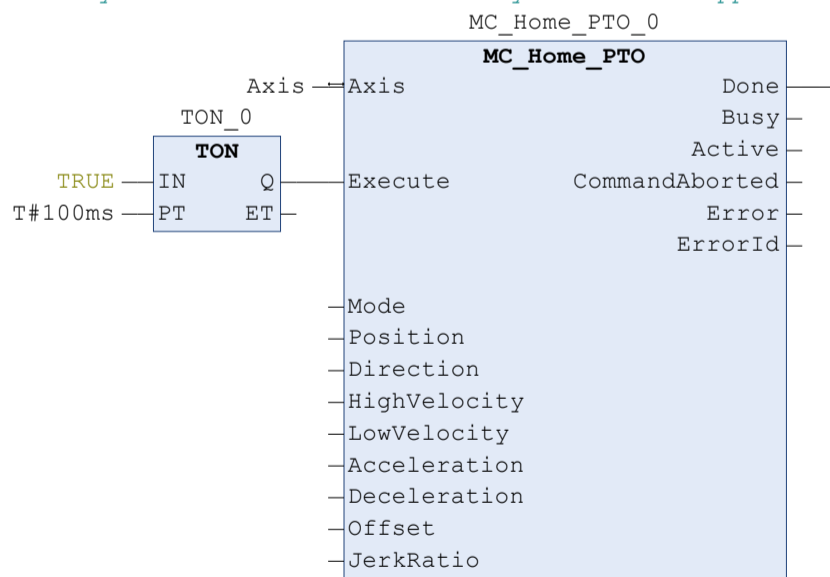
1  FUNCTION_BLOCK SledStepper
2  VAR_IN_OUT
3    Axis : AXIS_REF_PTO ;
4  END_VAR
5  VAR_INPUT
6    Enable : BOOL ;
7    PositionRef : DINT ;
8  END_VAR
9  VAR
10   MC_Power_PTO_0 : MC_Power_PTO ;
11   MC_MoveAbsolute_PTO_0 : MC_MoveAbsolute_PTO ;
12   MC_Home_PTO_0 : MC_Home_PTO := ( Mode := 0 , Direction := -1 , HighVelocity := 1000 , LowVelocity := 500 ,
13   Acceleration := 1 , Deceleration := 2 ) ;
14   PulseGenerator_0 : PulseGenerator ;
15   TON_0 : TON ;
16   TON_1 : TON ;
17   MC_ReadActualPosition_PTO_0 : MC_ReadActualPosition_PTO ;
18 END_VAR
19 VAR_OUTPUT
20   SledError : BOOL ;
21   DisableStepper : BOOL ;
22 END_VAR

```

1 Mandatory function block from library to use a stepper motor for absolute positioning. This block has a virtual connection to the digital fast acting outputs, that are coupled to the stepmotor.



2 Mandatory function block from library to use a stepper motor for absolute positioning.



3 Mandatory function block from library to use a stepper motor.

