



Instruction List Scripts



TankCtl

```
(*
  Description: Example 13.3 - Tank Control

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*)
(* Convert analog input to level *)
  INT_TO_REAL(LT428_MEAS)
  ST_REAL TmpR
  DIV_REAL( TmpR, 32000.0)
  ST_REAL TmpR
  SUB_REAL( 15.0, 1.0)
  ST_REAL TmpR2
  MUL_REAL(TmpR, TmpR2)
  ST_REAL TmpR
  ADD_REAL( TmpR, 1.0)
  ST_REAL LT428_Val
(* Comparisons for low and high levels *)
  LT_REAL(LT428_Val,T428_Min)
  ST_BOOL T428_Low
  GT_REAL(LT428_Val, T428_Max)
  ST_BOOL T428_High
(* Control of tank level *)
  LD_BOOL T428_Low
  OR      XV427_OPEN
  ANDN    T428_High
  AND     T428_Cntrl
  ST_BOOL XV427_OPEN
```