



## Structured Text Blocks



### T428\_Control

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'-----
' Example 12.3
'
' Description: Control of Tank T-428
'
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'-----

(* Convert analog input to level *)
INT_TO_REAL( IN:=LT428_RAW, Q=>TmpReal);
LT428_VAL := TmpReal * (15.0-1.0)/32000.0 + 1.0;
(* Level Control: turn on when low, turn off when high. *)
(* If not enabled, always turn off. *)
If T428_CNTRL THEN
    IF (LT428_VAL < T428_MIN) THEN
        XV427_OPEN := 1;
    END_IF;
    IF (LT428_VAL > T428_MAX) THEN
        XV427_OPEN := 0;
    END_IF;
ELSE
    XV427_OPEN := 0;
END_IF;

```