FUNCTION WEIGH : WORD (\* BCD encoded \*)

VAR\_INPUT (\* "EN" input is used to indicate "scale ready" \*)

weigh\_command : BOOL;

gross\_weight : WORD ; (\* BCD encoded \*)

tare\_weight : INT ;

END\_VAR

(\* Function Body \*)

LD weigh\_command

JMPC WEIGH\_NOW

ST ENO (\* No weighing, 0 to "ENO" \*)

RET

WEIGH\_NOW: LD gross\_weight

BCD\_TO\_INT

SUB tare\_weight

INT\_TO\_BCD (\* Return evaluated weight \*)

ST WEIGH

END\_FUNCTION (\* Implicit "ENO" \*)