

3Tanks_Level_ControlsManual Properties

Name	3Tanks_Level_ControlsManual	Number	2	Type	FC	Language	LAD
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Numbering	Automatic
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Title		Author		Comment		Family	
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Network 1: TANK 1 - LEVEL CONTROL

The screenshot displays a Ladder Logic network in Siemens STEP 7. The network is titled "3_Tanks_LevelControl" and is part of a function block labeled "%FC3". The network contains a timer T1 (S_ODT) and several digital inputs/outputs. The inputs are %DB1.DBX0.5 (Manual_Mode), %DB1.DBX2.0 (Inflow_Valve), %DB1.DBX2.1 (Outflow_Valve), %DB1.DBX6.0 (Low_Level), and %DB1.DBX6.1 (High_Level). The output is %DB1.DBW4 (Level_Tanks). The network is labeled "3_Tanks_LevelControl".

The screenshot displays a Ladder Logic network in a Siemens STEP 7 environment. The network consists of a single step with the following components:

- Input:** A normally open contact labeled `%DB1.DBX0.5 "Tank_Mixer_DB". Manual_Mode`.
- Coil:** A set coil labeled `%FC3 "3_Tanks_LevelControl"`.
- Outputs:** Six output assignments are listed below the coil:
 - `%DB1.DBX8.0 "Tank_Mixer_DB". Tank2.Inflow_Valve` is assigned to `Inflow_Valve`.
 - `%DB1.DBX8.1 "Tank_Mixer_DB". Tank2.Outflow_Valve` is assigned to `Outflow_Valve`.
 - `%DB1.DBX12.0 "Tank_Mixer_DB". Tank2.Low_Level` is assigned to `Low_Level`.
 - `%DB1.DBX12.1 "Tank_Mixer_DB". Tank2.High_Level` is assigned to `High_Level`.
 - `%DB1.DBW10 "Tank_Mixer_DB". Tank2.Tank_Level` is assigned to `Level_Tanks`.

