Example_Library

RSE - Control Systems

UK

9/12/2025 3:44 PM

Analogue_Input_HMI [FB5]

Analogue_Input_HMI Properties									
General									
Name	Analogue_Input_HMI	**Number**	5		**Type**	FB		**Language**	LAD
Numbering	Automatic								
Information									
Title	Adjust Level Meter From HMI to Control Pump Simulation	**Author**			**Comment**			**Family**	
Version	0.1	**User-defined ID**							

| Name	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	Writ-able from HMI/ OPC UA/ Web API	Visible in HMI engi-neering	Setpoint	Supervi-sion	Comment
▼ Input									
Sensor_Reading	Int	0	Non-retain	False	False	False	False		Reading from Sensor (on HMI)
▼ Output									
High_LVL	Bool	false	Non-retain	False	False	False	False		Level High Reached
Sensor_Reading_Real	Real	0.0	Non-retain	False	False	False	False		Reading from Sensor (Real)
Low_LVL	Bool	false	Non-retain	False	False	False	False		Level Low Reached
▼ InOut									
Level_High_SP	Real	0.0	Non-retain	False	False	False	False		High Level Setpoint Value
Level_Low_SP	Real	0.0	Non-retain	False	False	False	False		Low Level Setpoint Value
Static									
Temp									
Constant									

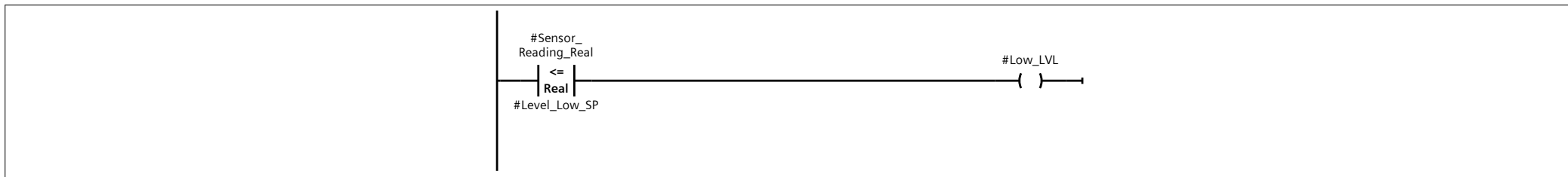**Network 1: Convert Int to Real**

Basic Conversion
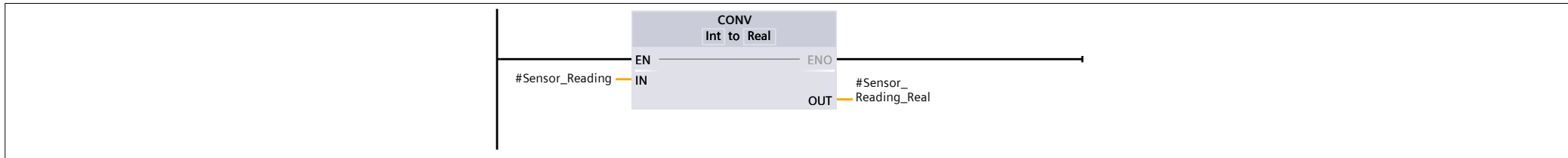
Network 2: Level High

High Level Reached (Y/N)
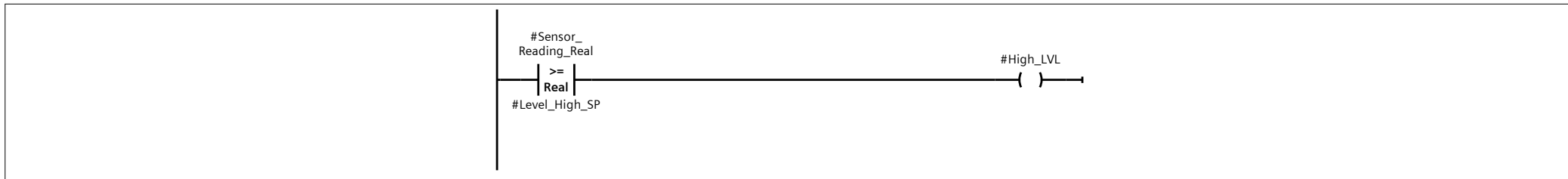
Network 3: Level Low

Low Level Reached (Y/N)

Network 4: Spare Network