

PLC II BLOQUE DE FUNCIONES FB

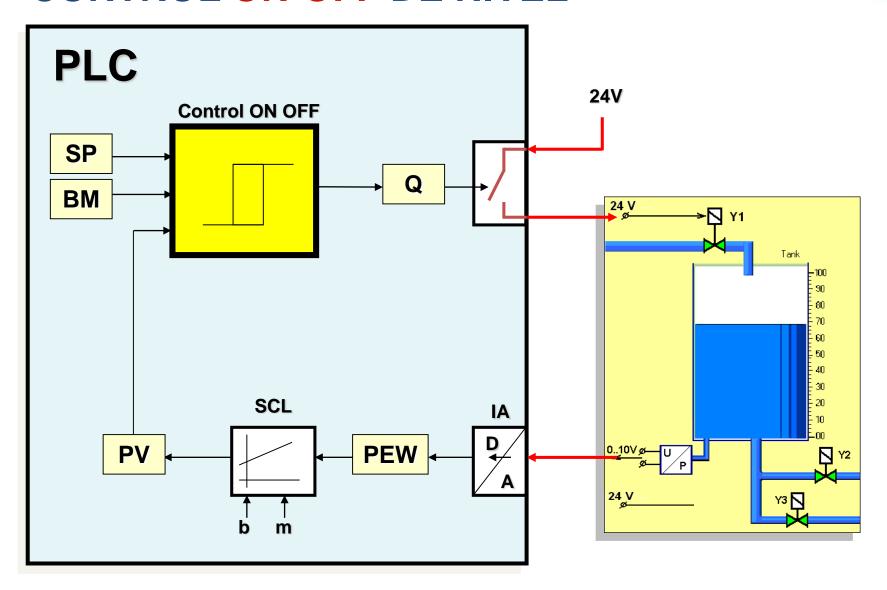
Ing. Denis Chávarry Hernández

Copyright © Octubre de 2022 por TECSUP

www.tecsup.edu.pe



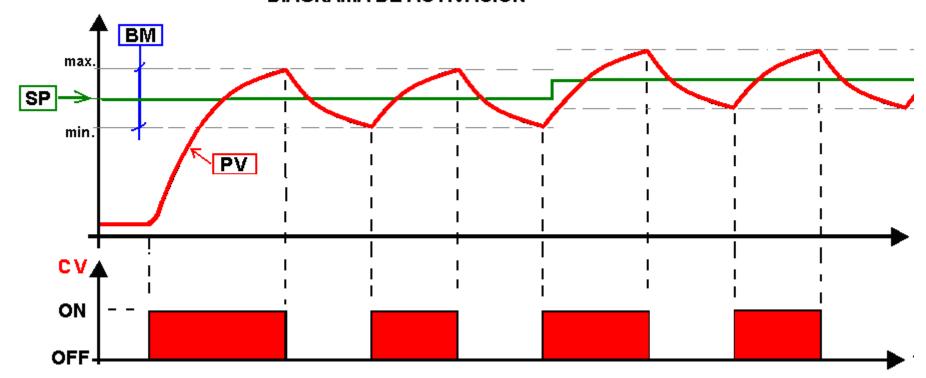
CONTROL ON-OFF DE NIVEL





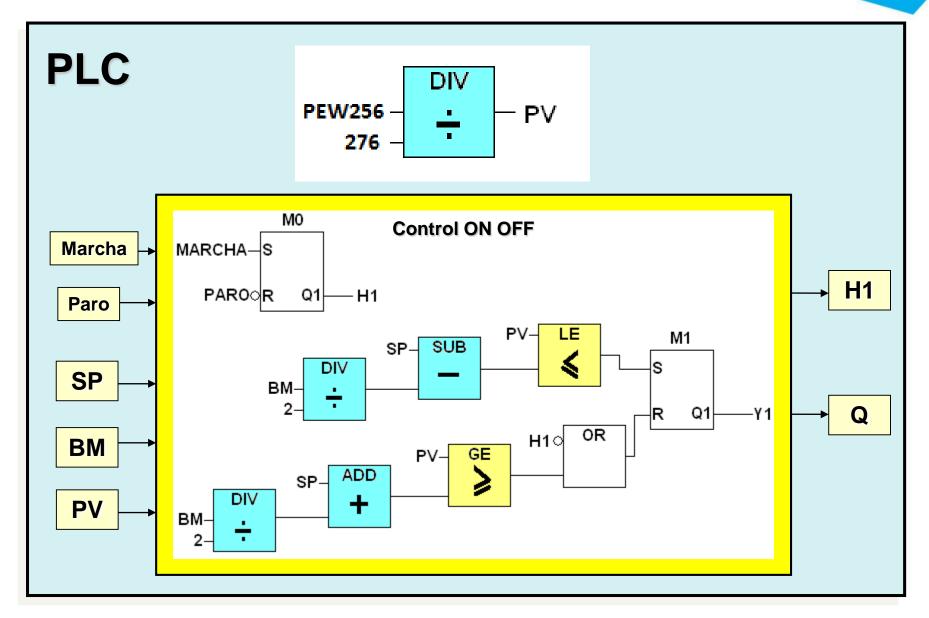
CONTROL DE NIVEL

DIAGRAMA DE ACTIVACION





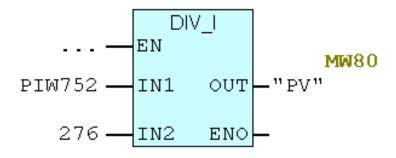
CONTROL ON_OFF DE NIVEL



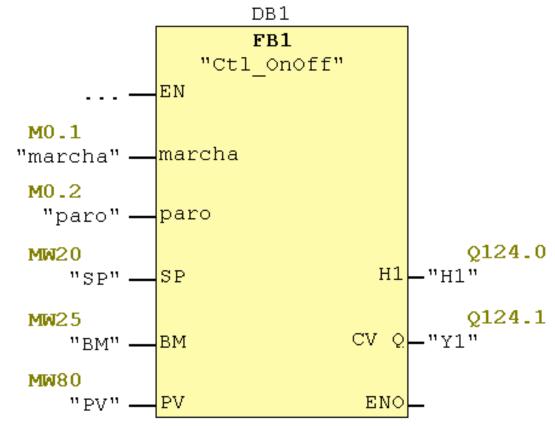


OB1: "Main Program Sweep (Cycle)"

Segm. 1: Título:



Segm. 2: Título:



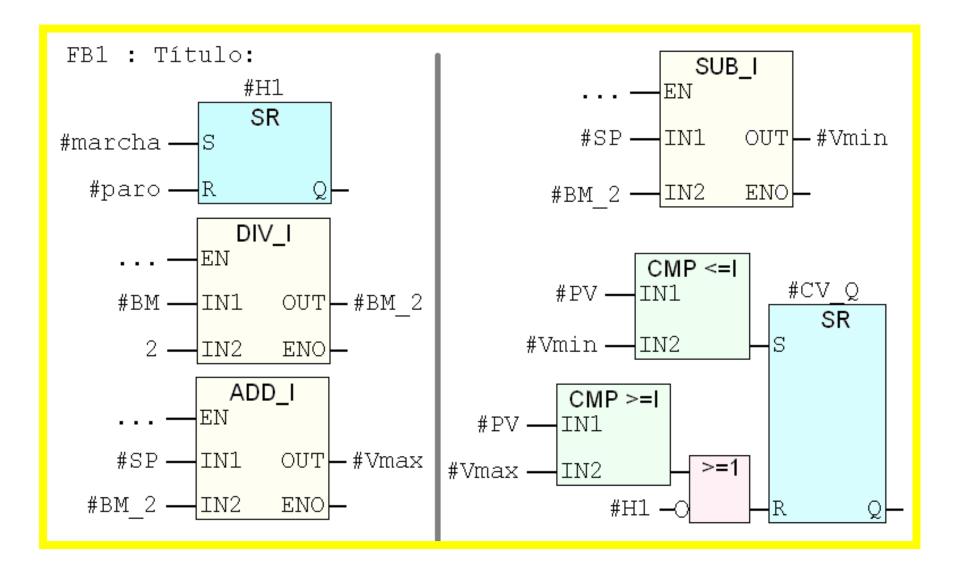


FB1:Declaración de Variables

FB1 "Ctl_OnOff"		FB_Ctl_O	n_Off\E	qui	po SIMAT	IC 300\CPU	J31	4C-2 DP((1)\	\FB1
Contenido de: 'Entorno\Interface\IN'										
⊡- ⊕ Interface		Nombre	Tipo	de	Direco	Valor i	OF	perando	>	Operar
□ • IN	13	ma	Bool		0.0	FALSE				
□ marcha	133	paro	Bool		0.1	FALSE				
- □ paro	133	SP	Int		2.0	50				
—na SP	133	BM	Int		4.0	10				
⊸ ∍ BM	133	PV	Int		6.0	0				
□■ PV										
OUT		Nombre	Tipo	de	datos	Direcci	ón	Valor	ir	icial
- 19 H1	13	H1	Bool			8.0		FALSE		
□ CV_Q	133	CV_Q	Bool			8.1		FALSE		
TEMP		Nombre	Tipo	de	datos	Direcci	ón	Coment	ar	io
- □ Vmax	13	Vmax	Int			0.0				
-⊟ Vmin	13	Vmin	Int			2.0				
- □ BM_2	133	BM_2	Int			4.0				

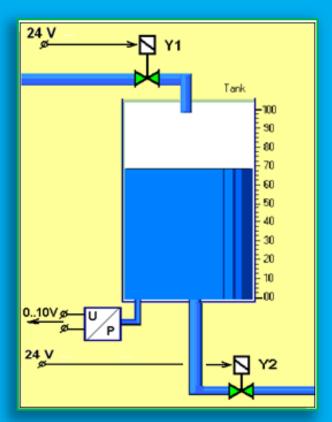


BLOQUE DE FUNCIONES FB1





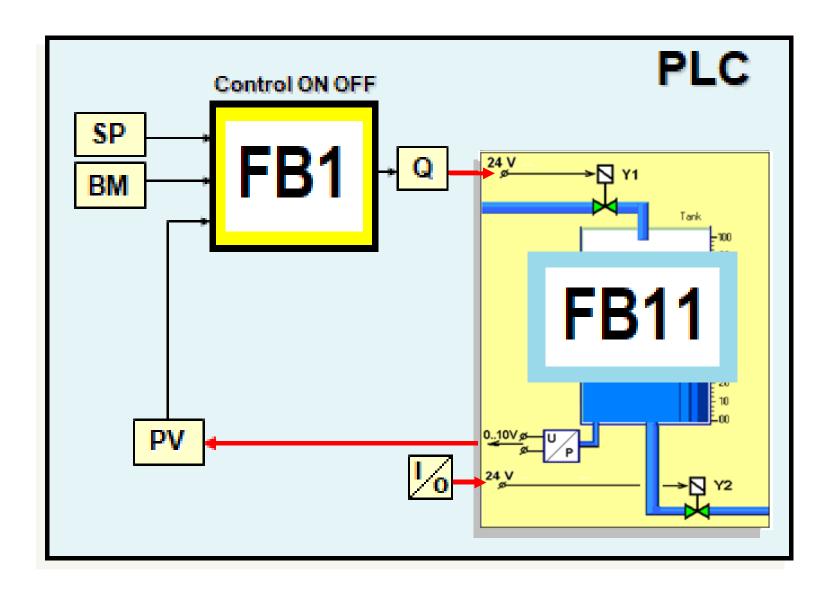
SIMULANDO EL TANQUE



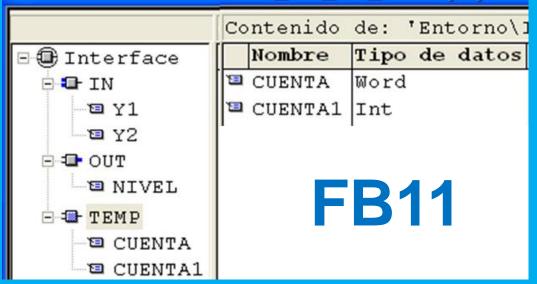
www.tecsup.edu.pe

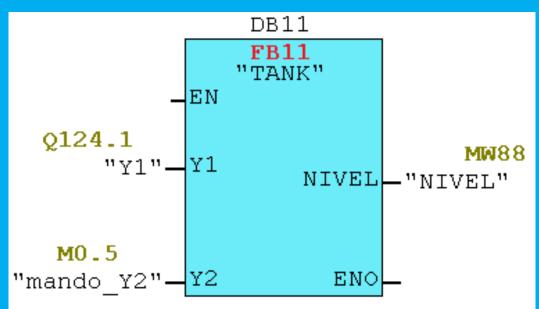


SIMULANDO EI TANQUE

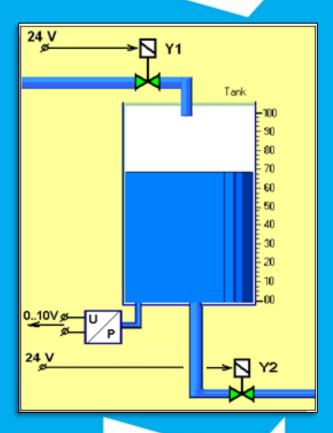


FB11 -- "TANK" --- FB_Ctl_On_Off\Equipo SI

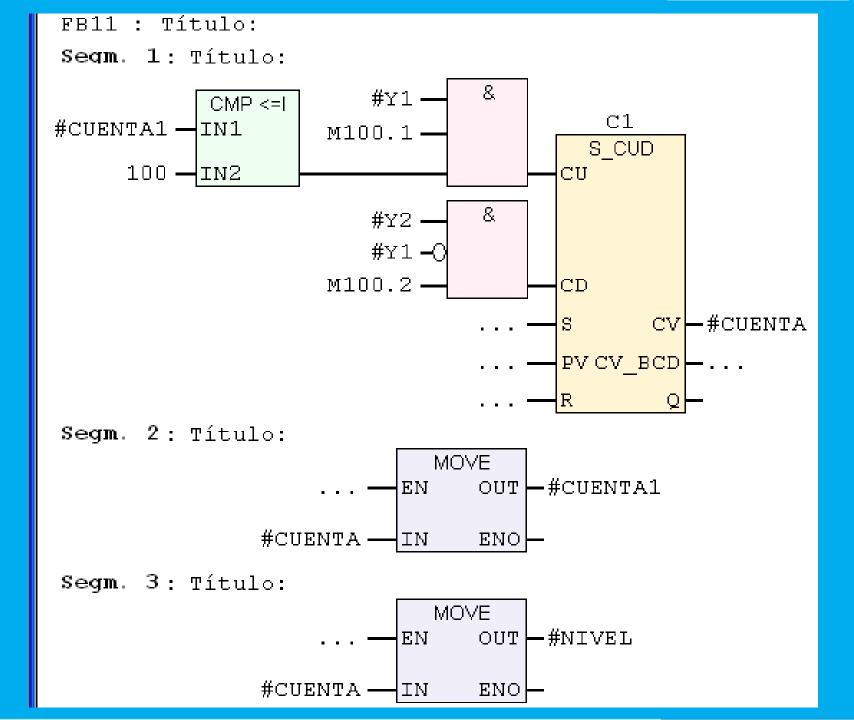




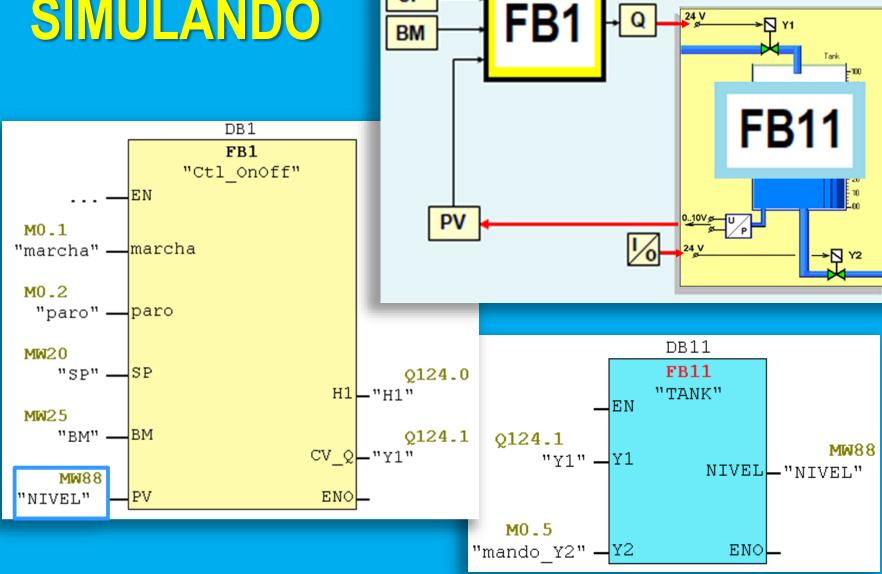




www.tecsup.edu.pe

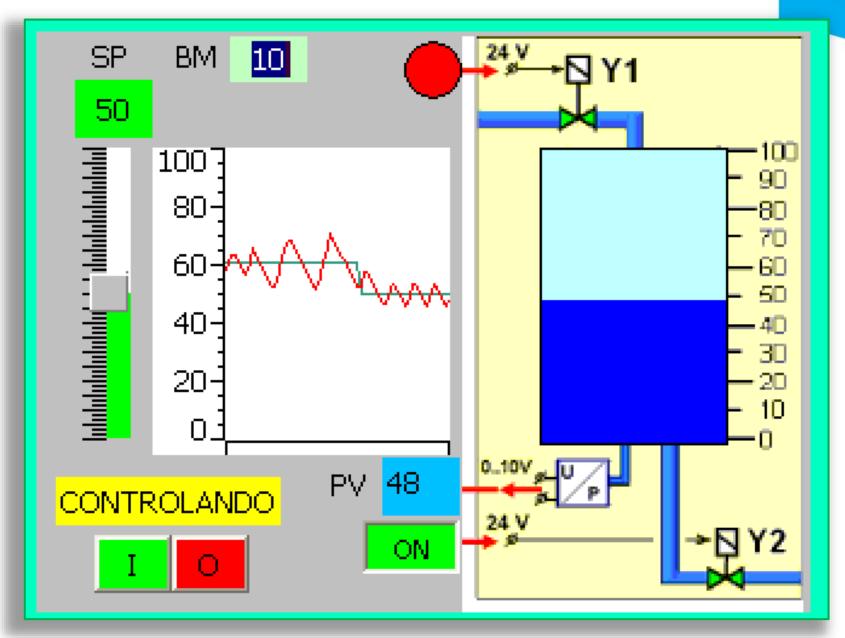


SIMULANDO



SP



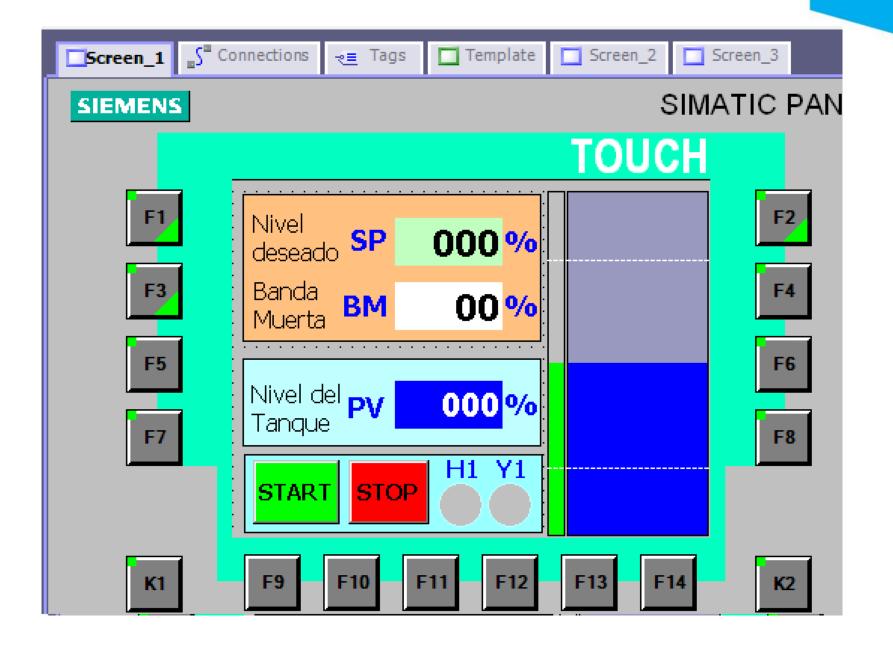




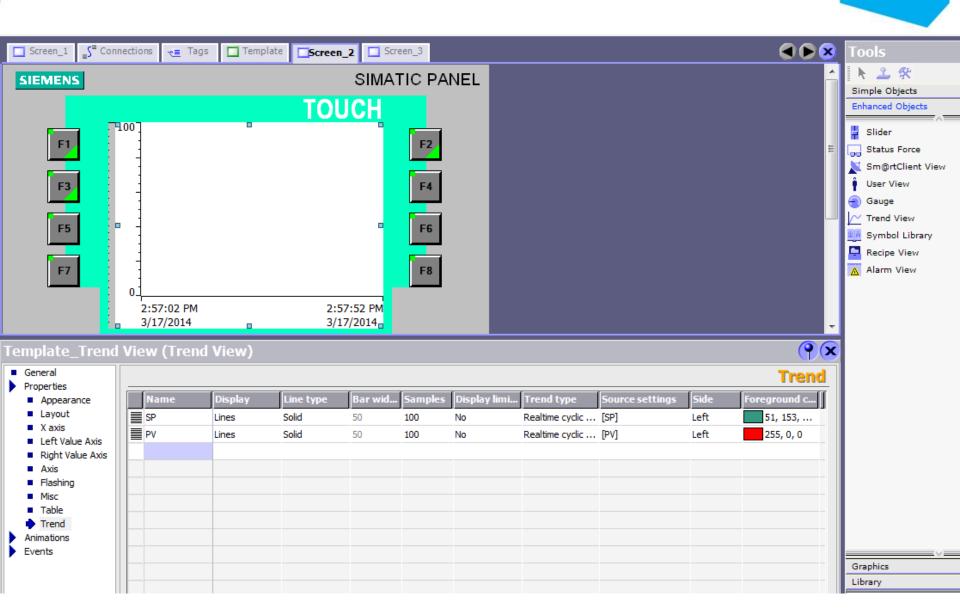
☐ Imagen_1 Conexiones **—Variables**

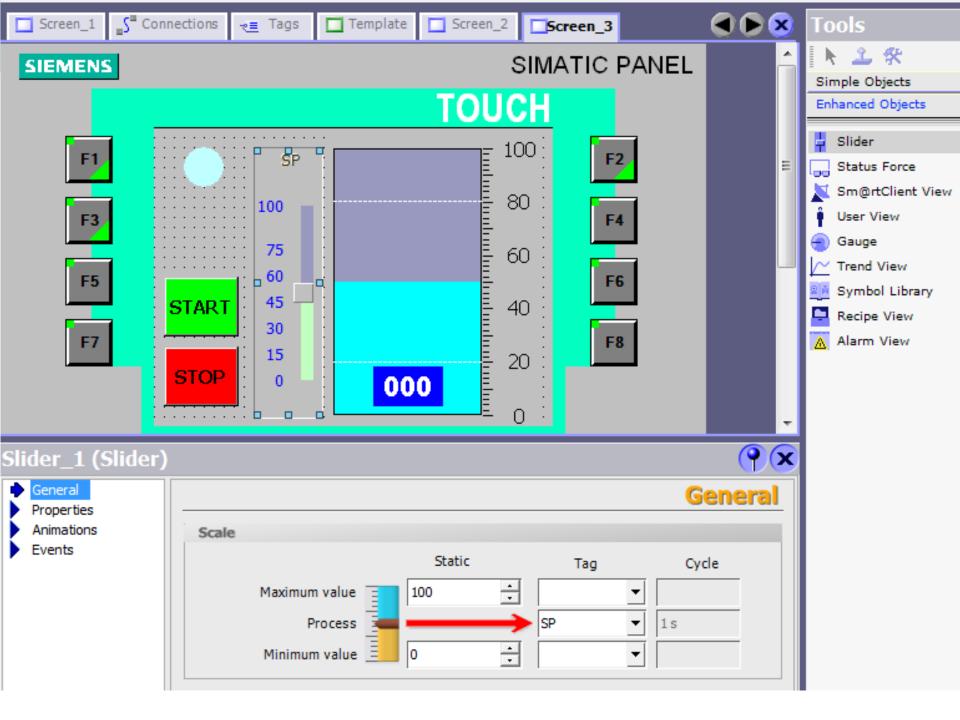
No	ombre	Conexión	Tipo de datos	Direcci 📤
	marcha	Conexión_1	Bool	M 0.1
	paro	Conexión_1	Bool	M 0.2
	Y2	Conexión_1	Bool	M 0.5
	SP	Conexión_1	Int	MW 20
	вм	Conexión_1	Int	MW 25
	PV	Conexión_1	Int	MW 88
	H1	Conexión_1	Bool	Q 124.0
	Y1	Conexión_1	Bool	Q 124.1

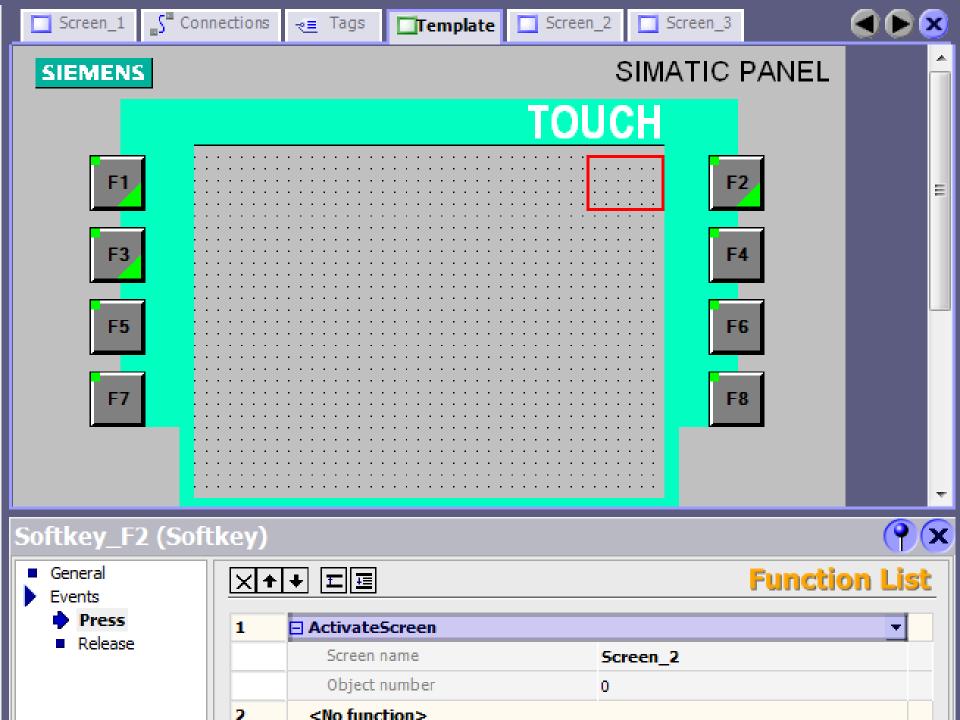


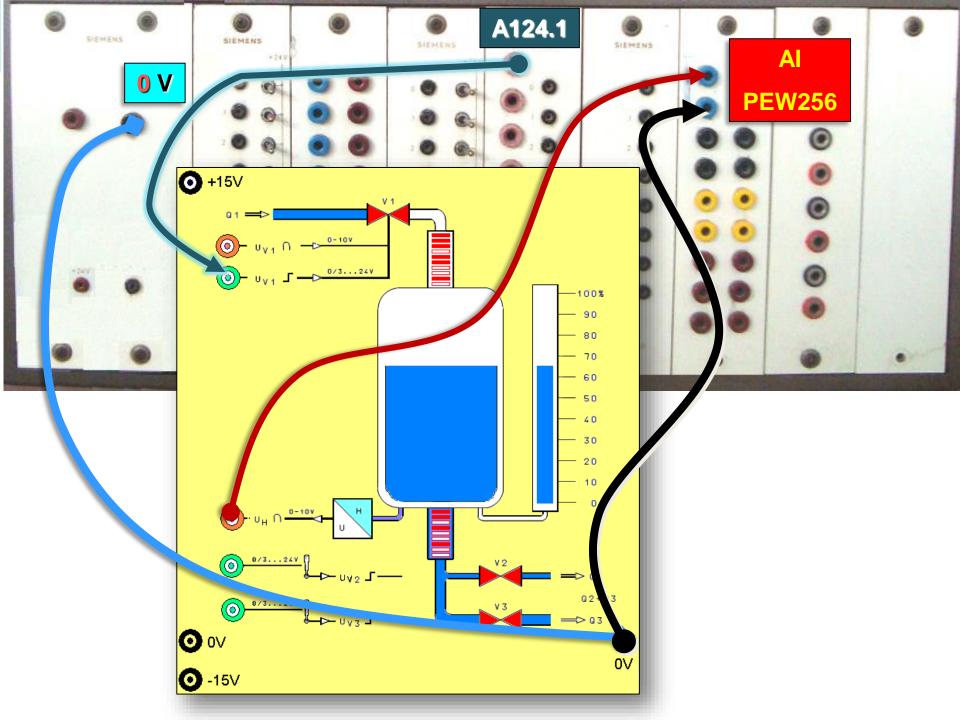


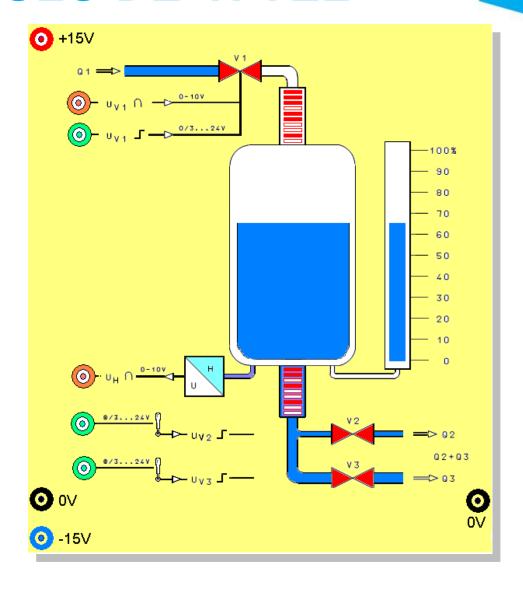


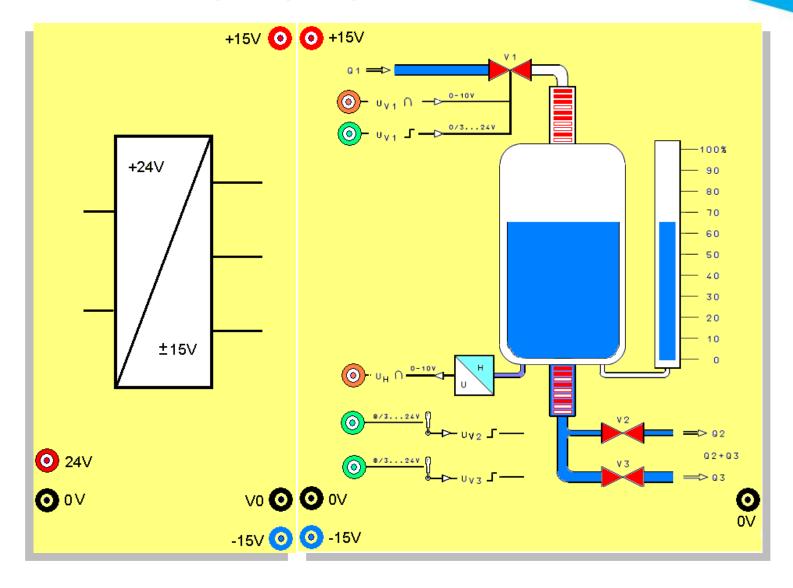




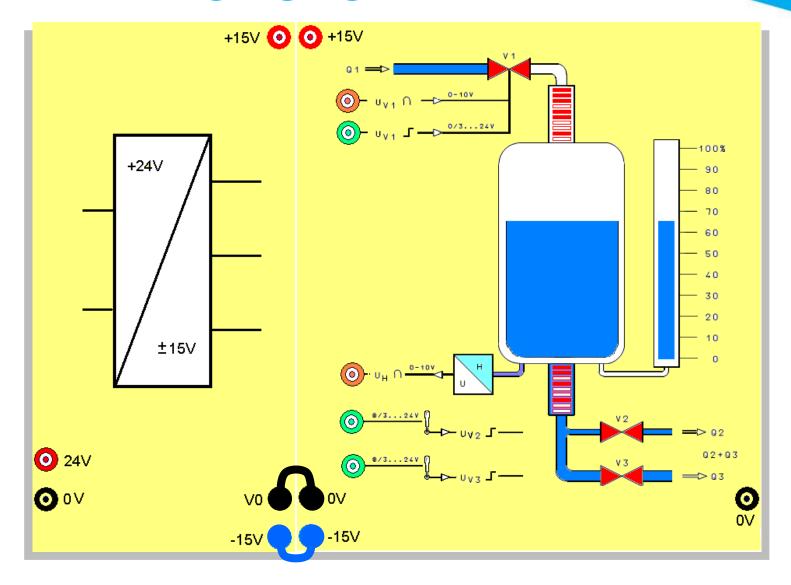




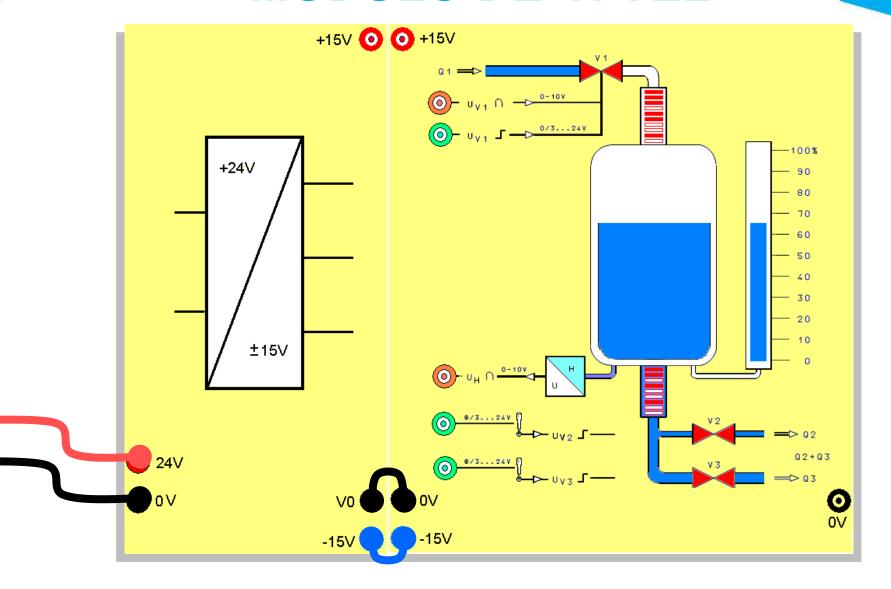


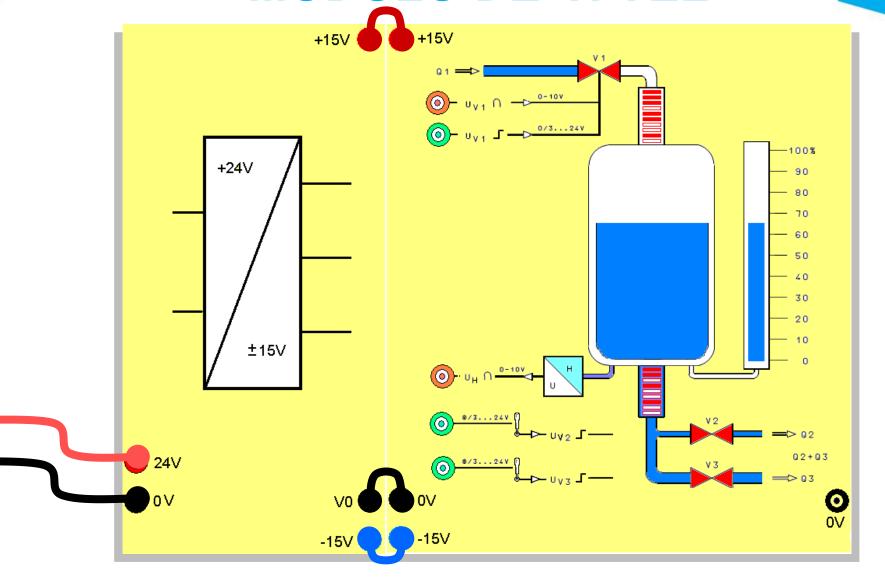


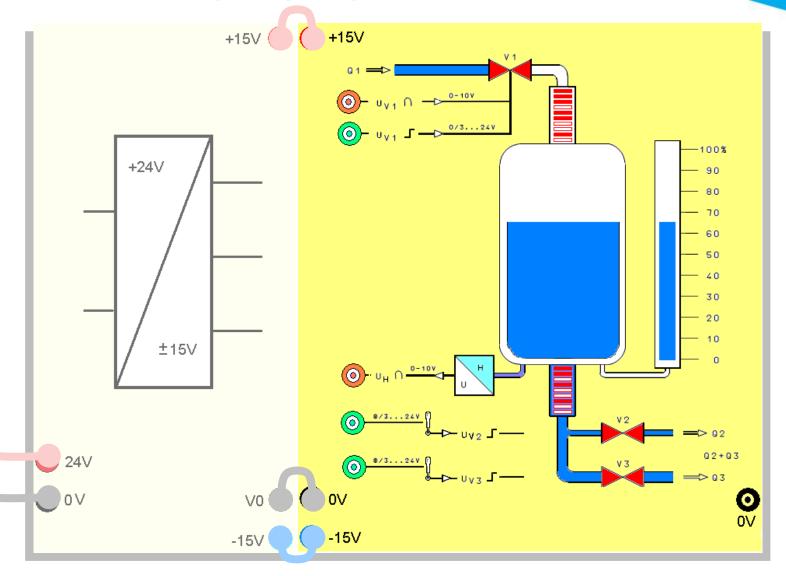




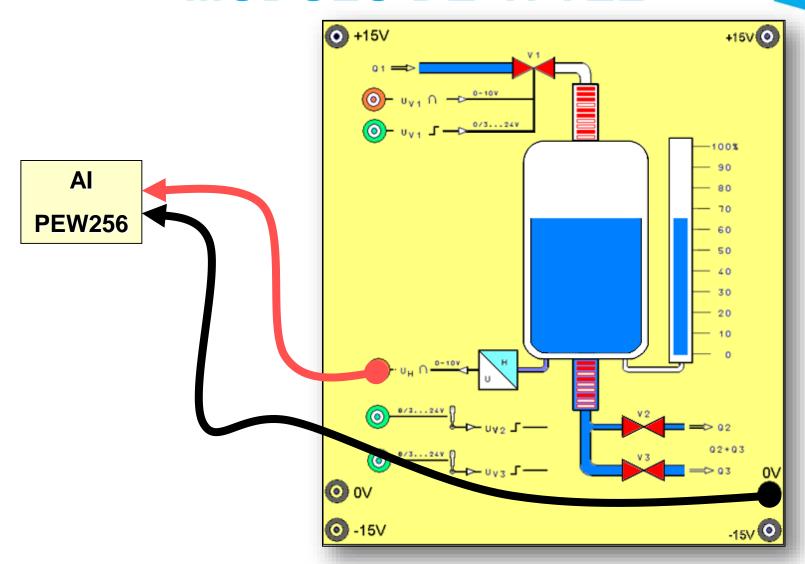
♦TECSUP

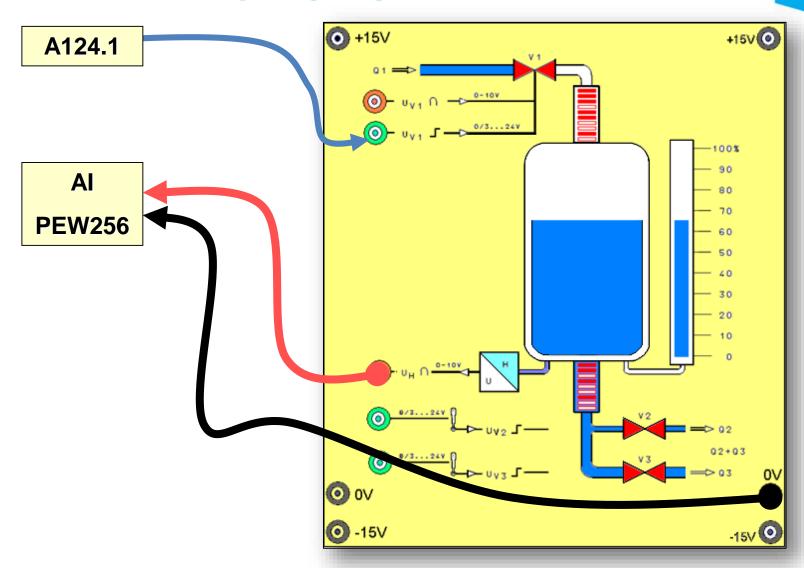




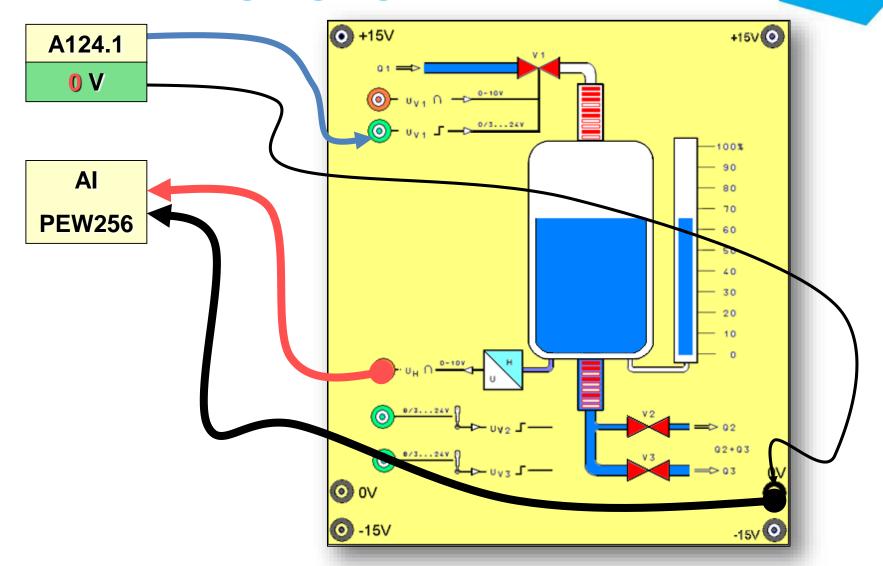


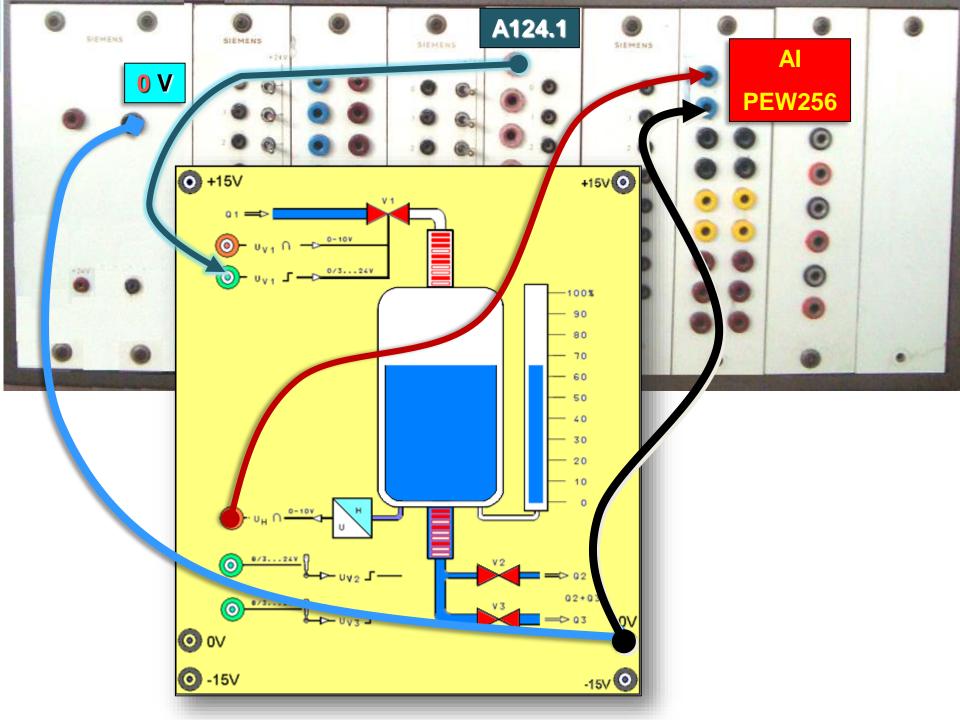






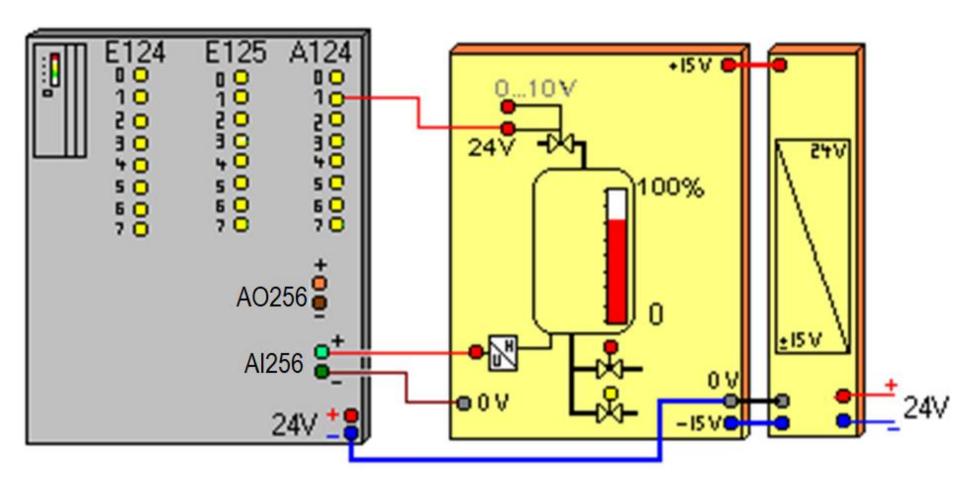








CONEXIONADO





CONTROL DE NIVEL

