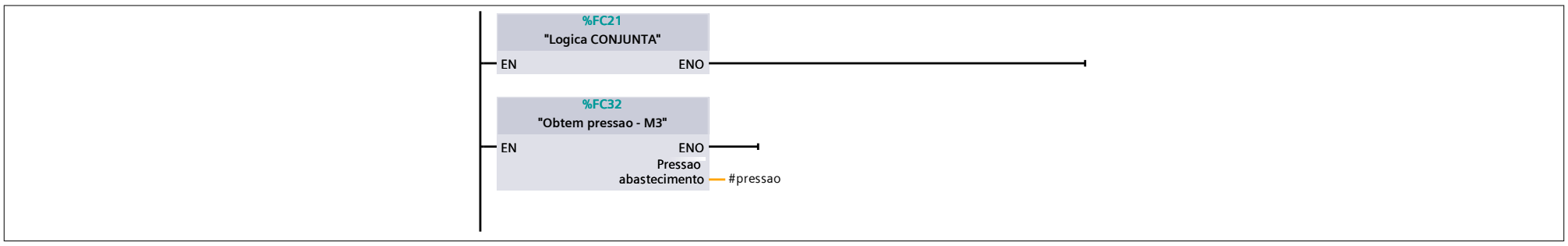
Program blocks

Main [OB1]

Main Properties							
General							
Name	Main	**Number**	1	**Type**	OB	**Language**	LAD
Numbering	Automatic						
Information							
Title	"Main Program Sweep (Cycle)"	**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
▼ Input			
Initial_Call	Bool		Initial call of this OB
Remanence	Bool		=True, if remanent data are available
▼ Temp			
temperatura	Real		
pressao	Real		
Constant			

Network 1:



Program blocks

Aciona valvulas - M1 e M2 [FC1]

Aciona valvulas - M1 e M2 Properties							
General							
Name	Aciona valvulas - M1 e M2	**Number**	1	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
Temp			
Constant			
▼ Return			
Aciona valvulas - M1 e M2	Void		

Network 1: Acionando válvulas dos modos 1 e 2

Program blocks

Desliga valvulas - M1 e M2 [FC2]

Desliga valvulas - M1 e M2 Properties							
General							
Name	Desliga valvulas - M1 e M2	**Number**	2	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
Temp			
Constant			
▼ Return			
Desliga valvulas - M1 e M2	Void		

Network 1: Válvula on/off da entrada do sistema de compressores

Program blocks

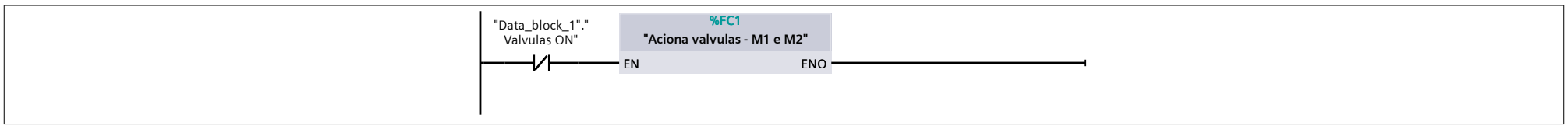
Verifica valvulas 1 [FC3]

Verifica valvulas 1 Properties							
General							
Name	Verifica valvulas 1	**Number**	3	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
Temp			
Constant			
▼ Return			
Verifica valvulas 1	Void		

Network 1:

Se válvulas OFF



Program blocks

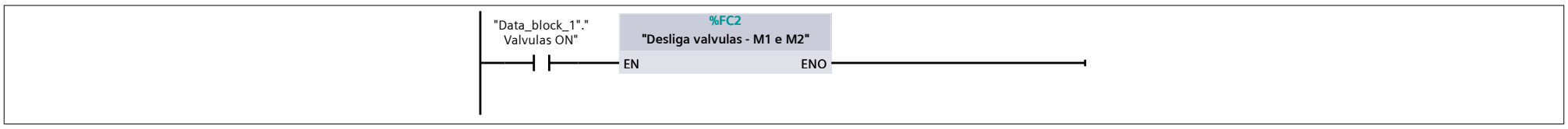
Verifica valvulas 2 [FC4]

Verifica valvulas 2 Properties							
General							
Name	Verifica valvulas 2	**Number**	4	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
Temp			
Constant			
▼ Return			
Verifica valvulas 2	Void		

Network 1:

Se válvulas ON



Program blocks

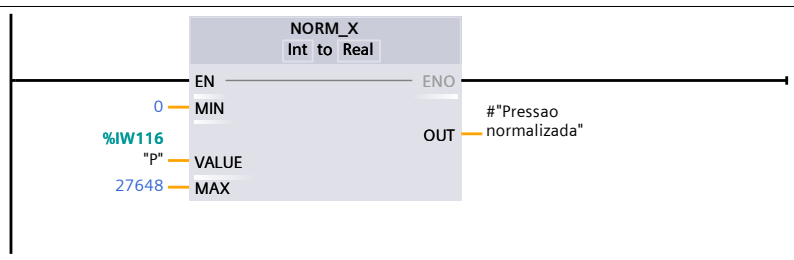
Obtem pressao [FC5]

Obtem pressao Properties							
General							
Name	Obtem pressao	**Number**	5	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
▼ Output			
Pressao	Real		Pressão obtida
InOut			
▼ Temp			
Pressao normalizada	Real		Pressão normalizada
Constant			
▼ Return			
Obtem pressao	Void		

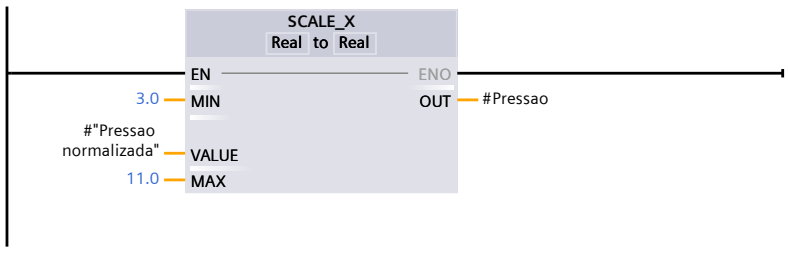
Network 1:

Normalização do valor de pressão lido do transmissor



Network 2:

Scale do valor da pressão normalizada para a faixa 0.5 a 2.5



Program blocks

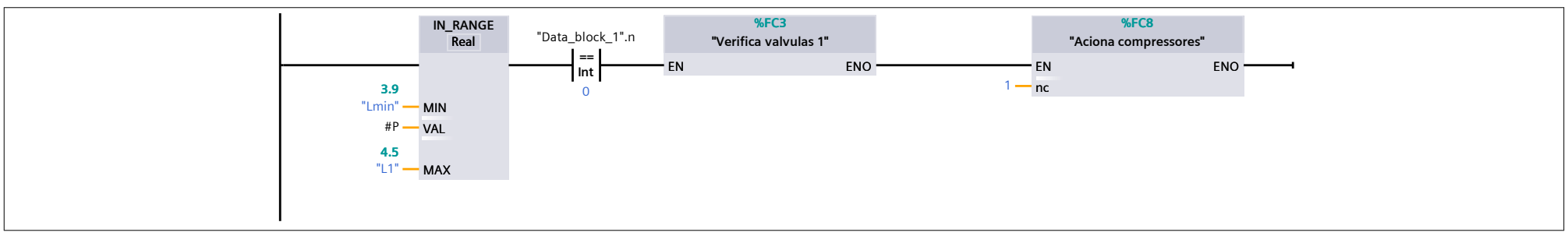
Pressao crescente [FC6]

Pressao crescente Properties							
General							
Name	Pressao crescente	**Number**	6	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
▼ Input			
P	Real		Pressão no interior do tanque separador
Output			
InOut			
Temp			
Constant			
▼ Return			
Pressao crescente	Void		

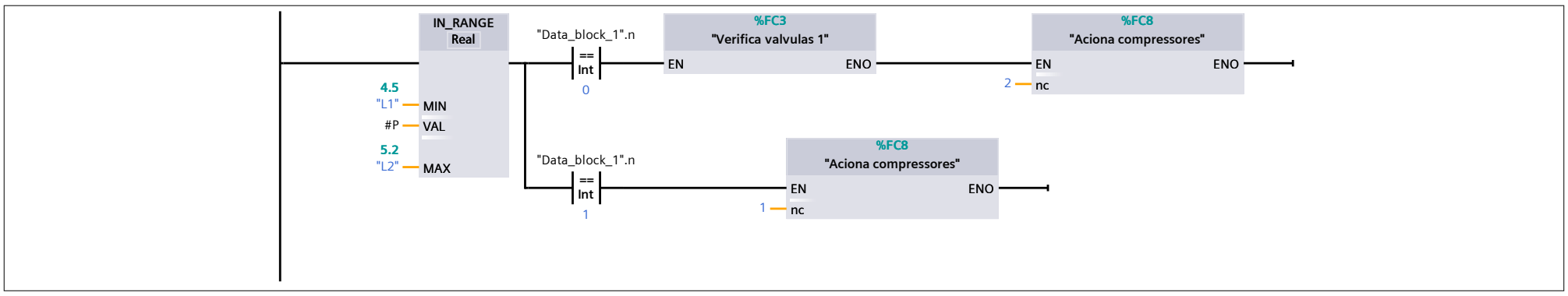
Network 1:

Se pressão entre Lmin e L1



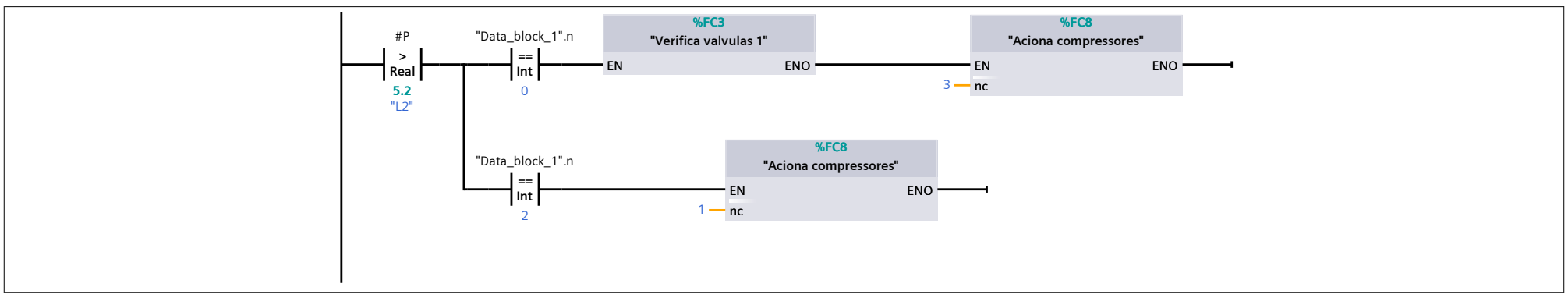
Network 2:

Se pressão entre L1 e L2



Network 3:

Se pressão maior que L2



Program blocks

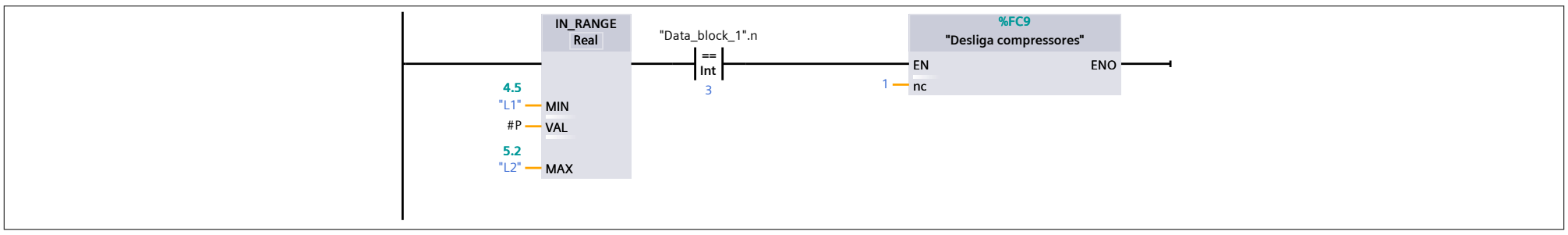
Pressao decrescente [FC7]

Pressao decrescente Properties							
General							
Name	Pressao decrescente	**Number**	7	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
▼ Input			
P	Real		Pressão no interior do tanque separador
Output			
InOut			
Temp			
Constant			
▼ Return			
Pressao decrescente	Void		

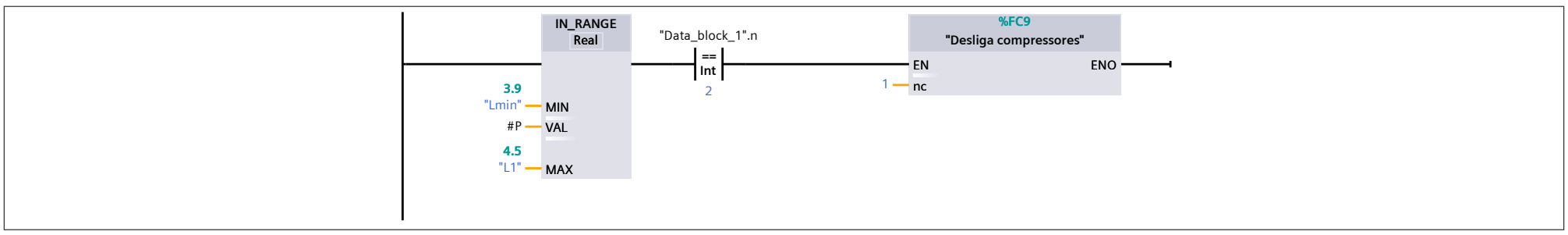
Network 1:

Se pressão entre L1 e L2



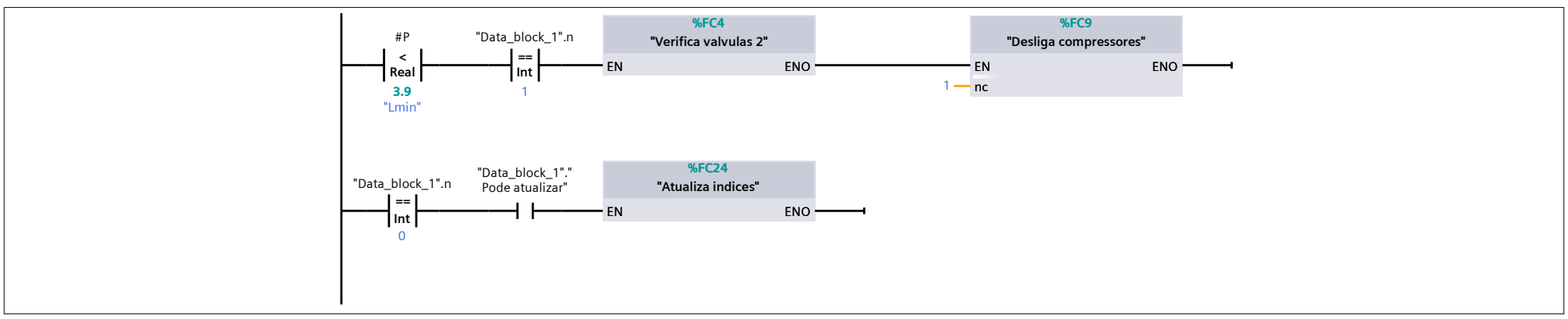
Network 2:

Se pressão entre Lmin e L1



Network 3:

Se pressão menor que Lmin



Program blocks

Data_block_1 [DB1]

Data_block_1 Properties							
General							
Name	Data_block_1	**Number**	1	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Start 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
▼ Static									
n	Int	0	False	True	True	True	False		
Valvulas ON	Bool	false	False	True	True	True	False		
Valvulas ON - M3	Bool	false	False	True	True	True	False		
▼ Sequencia 1	Array[0..2] of Int		False	True	True	True	False		
Sequencia 1[0]	Int	1	False	True	True	True	False		
Sequencia 1[1]	Int	2	False	True	True	True	False		
Sequencia 1[2]	Int	3	False	True	True	True	False		
▼ Sequencia 2	Array[0..2] of Int		False	True	True	True	False		
Sequencia 2[0]	Int	3	False	True	True	True	False		
Sequencia 2[1]	Int	1	False	True	True	True	False		
Sequencia 2[2]	Int	2	False	True	True	True	False		
▼ Sequencia 3	Array[0..2] of Int		False	True	True	True	False		
Sequencia 3[0]	Int	2	False	True	True	True	False		
Sequencia 3[1]	Int	3	False	True	True	True	False		
Sequencia 3[2]	Int	1	False	True	True	True	False		
▼ Sequencia	Array[0..2] of Int		True	True	True	True	False		
Sequencia[0]	Int	1	True	True	True	True	False		
Sequencia[1]	Int	2	True	True	True	True	False		
Sequencia[2]	Int	3	True	True	True	True	False		
Tomada de decisao	Bool	false	False	True	True	True	False		
▼ Valores de pressao	Array[0..19] of Real		False	True	True	True	False		
Valores de pressao[0]	Real	0.0	False	True	True	True	False		
Valores de pressao[1]	Real	0.0	False	True	True	True	False		
Valores de pressao[2]	Real	0.0	False	True	True	True	False		
Valores de pressao[3]	Real	0.0	False	True	True	True	False		
Valores de pressao[4]	Real	0.0	False	True	True	True	False		
Valores de pressao[5]	Real	0.0	False	True	True	True	False		
Valores de pressao[6]	Real	0.0	False	True	True	True	False		
Valores de pressao[7]	Real	0.0	False	True	True	True	False		
Valores de pressao[8]	Real	0.0	False	True	True	True	False		
Valores de pressao[9]	Real	0.0	False	True	True	True	False		
Valores de pressao[10]	Real	0.0	False	True	True	True	False		
Valores de pressao[11]	Real	0.0	False	True	True	True	False		
Valores de pressao[12]	Real	0.0	False	True	True	True	False		
Valores de pressao[13]	Real	0.0	False	True	True	True	False		
Valores de pressao[14]	Real	0.0	False	True	True	True	False		
Valores de pressao[15]	Real	0.0	False	True	True	True	False		
Valores de pressao[16]	Real	0.0	False	True	True	True	False		
Valores de pressao[17]	Real	0.0	False	True	True	True	False		
Valores de pressao[18]	Real	0.0	False	True	True	True	False		
Valores de pressao[19]	Real	0.0	False	True	True	True	False		
index	Int	0	False	True	True	True	False		
index max	Int	20	False	True	True	True	False		
length	Int	20	False	True	True	True	False		
▼ Valores de pressao - M3	Array[0..999] of Real		False	True	True	True	False		
Valores de pressao - M3[0]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[1]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[2]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[3]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[4]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[5]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[6]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[7]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[8]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[9]	Real	0.0	False	True	True	True	False		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Valores de pressao - M3[10]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[11]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[12]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[13]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[14]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[15]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[16]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[17]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[18]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[19]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[20]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[21]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[22]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[23]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[24]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[25]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[26]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[27]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[28]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[29]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[30]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[31]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[32]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[33]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[34]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[35]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[36]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[37]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[38]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[39]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[40]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[41]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[42]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[43]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[44]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[45]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[46]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[47]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[48]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[49]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[50]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[51]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[52]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[53]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[54]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[55]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[56]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[57]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[58]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[59]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[60]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[61]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[62]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[63]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[64]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[65]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[66]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[67]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[68]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[69]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[70]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[71]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[72]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[73]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[74]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[75]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[76]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[77]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[78]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[79]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[80]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[81]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[82]	Real	0.0	False	True	True	True	False		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Valores de pressao - M3[83]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[84]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[85]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[86]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[87]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[88]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[89]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[90]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[91]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[92]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[93]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[94]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[95]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[96]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[97]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[98]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[99]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[100]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[101]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[102]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[103]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[104]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[105]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[106]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[107]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[108]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[109]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[110]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[111]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[112]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[113]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[114]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[115]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[116]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[117]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[118]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[119]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[120]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[121]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[122]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[123]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[124]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[125]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[126]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[127]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[128]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[129]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[130]	Real	0.0	False	True	True	True	False		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Valores de pressao - M3[131]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[132]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[133]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[134]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[135]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[136]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[137]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[138]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[139]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[140]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[141]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[142]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[143]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[144]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[145]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[146]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[147]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[148]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[149]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[150]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[151]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[152]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[153]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[154]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[155]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[156]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[157]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[158]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[159]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[160]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[161]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[162]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[163]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[164]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[165]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[166]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[167]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[168]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[169]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[170]	Real	0.0	False	True	True	True	False		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Valores de pressao - M3[171]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[172]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[173]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[174]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[175]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[176]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[177]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[178]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[179]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[180]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[181]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[182]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[183]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[184]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[185]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[186]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[187]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[188]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[189]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[190]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[191]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[192]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[193]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[194]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[195]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[196]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[197]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[198]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[199]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[200]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[201]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[202]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[203]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[204]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[205]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[206]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[207]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[208]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[209]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[210]	Real	0.0	False	True	True	True	False		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Valores de pressao - M3[211]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[212]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[213]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[214]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[215]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[216]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[217]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[218]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[219]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[220]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[221]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[222]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[223]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[224]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[225]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[226]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[227]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[228]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[229]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[230]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[231]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[232]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[233]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[234]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[235]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[236]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[237]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[238]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[239]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[240]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[241]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[242]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[243]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[244]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[245]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[246]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[247]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[248]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[249]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[250]	Real	0.0	False	True	True	True	False		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Valores de pressao - M3[251]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[252]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[253]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[254]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[255]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[256]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[257]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[258]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[259]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[260]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[261]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[262]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[263]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[264]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[265]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[266]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[267]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[268]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[269]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[270]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[271]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[272]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[273]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[274]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[275]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[276]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[277]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[278]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[279]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[280]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[281]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[282]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[283]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[284]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[285]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[286]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[287]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[288]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[289]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[290]	Real	0.0	False	True	True	True	False		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Valores de pressao - M3[291]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[292]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[293]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[294]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[295]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[296]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[297]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[298]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[299]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[300]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[301]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[302]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[303]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[304]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[305]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[306]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[307]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[308]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[309]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[310]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[311]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[312]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[313]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[314]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[315]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[316]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[317]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[318]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[319]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[320]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[321]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[322]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[323]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[324]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[325]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[326]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[327]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[328]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[329]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[330]	Real	0.0	False	True	True	True	False		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Valores de pressao - M3[331]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[332]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[333]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[334]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[335]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[336]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[337]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[338]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[339]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[340]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[341]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[342]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[343]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[344]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[345]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[346]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[347]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[348]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[349]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[350]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[351]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[352]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[353]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[354]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[355]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[356]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[357]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[358]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[359]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[360]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[361]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[362]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[363]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[364]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[365]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[366]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[367]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[368]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[369]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[370]	Real	0.0	False	True	True	True	False		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Valores de pressao - M3[371]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[372]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[373]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[374]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[375]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[376]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[377]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[378]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[379]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[380]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[381]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[382]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[383]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[384]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[385]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[386]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[387]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[388]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[389]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[390]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[391]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[392]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[393]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[394]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[395]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[396]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[397]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[398]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[399]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[400]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[401]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[402]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[403]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[404]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[405]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[406]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[407]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[408]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[409]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[410]	Real	0.0	False	True	True	True	False		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Valores de pressao - M3[411]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[412]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[413]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[414]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[415]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[416]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[417]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[418]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[419]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[420]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[421]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[422]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[423]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[424]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[425]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[426]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[427]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[428]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[429]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[430]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[431]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[432]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[433]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[434]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[435]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[436]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[437]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[438]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[439]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[440]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[441]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[442]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[443]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[444]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[445]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[446]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[447]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[448]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[449]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[450]	Real	0.0	False	True	True	True	False		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Valores de pressao - M3[451]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[452]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[453]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[454]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[455]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[456]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[457]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[458]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[459]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[460]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[461]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[462]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[463]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[464]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[465]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[466]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[467]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[468]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[469]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[470]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[471]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[472]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[473]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[474]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[475]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[476]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[477]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[478]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[479]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[480]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[481]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[482]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[483]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[484]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[485]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[486]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[487]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[488]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[489]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[490]	Real	0.0	False	True	True	True	False		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Valores de pressao - M3[491]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[492]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[493]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[494]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[495]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[496]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[497]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[498]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[499]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[500]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[501]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[502]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[503]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[504]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[505]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[506]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[507]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[508]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[509]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[510]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[511]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[512]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[513]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[514]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[515]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[516]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[517]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[518]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[519]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[520]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[521]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[522]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[523]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[524]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[525]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[526]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[527]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[528]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[529]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[530]	Real	0.0	False	True	True	True	False		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Valores de pressao - M3[531]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[532]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[533]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[534]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[535]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[536]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[537]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[538]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[539]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[540]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[541]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[542]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[543]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[544]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[545]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[546]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[547]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[548]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[549]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[550]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[551]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[552]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[553]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[554]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[555]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[556]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[557]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[558]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[559]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[560]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[561]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[562]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[563]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[564]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[565]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[566]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[567]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[568]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[569]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[570]	Real	0.0	False	True	True	True	False		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Valores de pressao - M3[571]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[572]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[573]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[574]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[575]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[576]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[577]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[578]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[579]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[580]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[581]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[582]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[583]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[584]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[585]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[586]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[587]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[588]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[589]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[590]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[591]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[592]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[593]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[594]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[595]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[596]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[597]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[598]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[599]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[600]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[601]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[602]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[603]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[604]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[605]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[606]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[607]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[608]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[609]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[610]	Real	0.0	False	True	True	True	False		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Valores de pressao - M3[611]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[612]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[613]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[614]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[615]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[616]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[617]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[618]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[619]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[620]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[621]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[622]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[623]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[624]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[625]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[626]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[627]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[628]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[629]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[630]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[631]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[632]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[633]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[634]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[635]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[636]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[637]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[638]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[639]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[640]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[641]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[642]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[643]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[644]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[645]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[646]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[647]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[648]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[649]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[650]	Real	0.0	False	True	True	True	False		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Valores de pressao - M3[651]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[652]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[653]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[654]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[655]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[656]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[657]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[658]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[659]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[660]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[661]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[662]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[663]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[664]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[665]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[666]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[667]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[668]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[669]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[670]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[671]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[672]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[673]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[674]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[675]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[676]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[677]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[678]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[679]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[680]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[681]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[682]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[683]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[684]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[685]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[686]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[687]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[688]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[689]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[690]	Real	0.0	False	True	True	True	False		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Valores de pressao - M3[691]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[692]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[693]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[694]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[695]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[696]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[697]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[698]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[699]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[700]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[701]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[702]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[703]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[704]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[705]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[706]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[707]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[708]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[709]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[710]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[711]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[712]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[713]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[714]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[715]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[716]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[717]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[718]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[719]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[720]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[721]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[722]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[723]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[724]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[725]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[726]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[727]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[728]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[729]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[730]	Real	0.0	False	True	True	True	False		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Valores de pressao - M3[731]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[732]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[733]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[734]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[735]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[736]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[737]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[738]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[739]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[740]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[741]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[742]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[743]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[744]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[745]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[746]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[747]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[748]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[749]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[750]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[751]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[752]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[753]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[754]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[755]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[756]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[757]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[758]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[759]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[760]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[761]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[762]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[763]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[764]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[765]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[766]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[767]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[768]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[769]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[770]	Real	0.0	False	True	True	True	False		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Valores de pressao - M3[771]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[772]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[773]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[774]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[775]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[776]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[777]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[778]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[779]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[780]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[781]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[782]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[783]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[784]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[785]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[786]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[787]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[788]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[789]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[790]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[791]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[792]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[793]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[794]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[795]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[796]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[797]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[798]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[799]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[800]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[801]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[802]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[803]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[804]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[805]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[806]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[807]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[808]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[809]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[810]	Real	0.0	False	True	True	True	False		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Valores de pressao - M3[811]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[812]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[813]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[814]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[815]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[816]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[817]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[818]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[819]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[820]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[821]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[822]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[823]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[824]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[825]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[826]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[827]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[828]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[829]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[830]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[831]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[832]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[833]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[834]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[835]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[836]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[837]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[838]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[839]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[840]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[841]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[842]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[843]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[844]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[845]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[846]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[847]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[848]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[849]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[850]	Real	0.0	False	True	True	True	False		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Valores de pressao - M3[851]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[852]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[853]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[854]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[855]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[856]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[857]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[858]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[859]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[860]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[861]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[862]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[863]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[864]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[865]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[866]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[867]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[868]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[869]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[870]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[871]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[872]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[873]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[874]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[875]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[876]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[877]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[878]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[879]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[880]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[881]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[882]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[883]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[884]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[885]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[886]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[887]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[888]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[889]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[890]	Real	0.0	False	True	True	True	False		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Valores de pressao - M3[891]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[892]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[893]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[894]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[895]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[896]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[897]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[898]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[899]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[900]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[901]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[902]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[903]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[904]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[905]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[906]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[907]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[908]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[909]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[910]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[911]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[912]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[913]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[914]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[915]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[916]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[917]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[918]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[919]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[920]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[921]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[922]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[923]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[924]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[925]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[926]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[927]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[928]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[929]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[930]	Real	0.0	False	True	True	True	False		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Valores de pressao - M3[931]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[932]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[933]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[934]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[935]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[936]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[937]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[938]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[939]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[940]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[941]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[942]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[943]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[944]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[945]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[946]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[947]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[948]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[949]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[950]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[951]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[952]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[953]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[954]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[955]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[956]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[957]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[958]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[959]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[960]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[961]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[962]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[963]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[964]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[965]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[966]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[967]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[968]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[969]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[970]	Real	0.0	False	True	True	True	False		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Valores de pressao - M3[971]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[972]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[973]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[974]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[975]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[976]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[977]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[978]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[979]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[980]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[981]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[982]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[983]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[984]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[985]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[986]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[987]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[988]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[989]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[990]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[991]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[992]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[993]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[994]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[995]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[996]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[997]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[998]	Real	0.0	False	True	True	True	False		
Valores de pressao - M3[999]	Real	0.0	False	True	True	True	False		
index - M3	Int	0	False	True	True	True	False		
index max - M3	Int	1000	False	True	True	True	False		
length - M3	Int	0	False	True	True	True	False		
Atingir pressao eq	Bool	false	False	True	True	True	False		
Plim atingida	Bool	false	False	True	True	True	False		
M2	Bool	false	False	True	True	True	False		
Estado anterior - M2	Bool	false	False	True	True	True	False		
M1	Bool	false	False	True	True	True	False		
Reset amostragem	Bool	false	False	True	True	True	False		
Derivada	Bool	false	False	True	True	True	False		
Media movel	Bool	false	False	True	True	True	False		
Diferenca	Bool	false	False	True	True	True	False		
Pode acionar	Bool	false	False	True	True	True	False		
Crescente	Bool	false	False	True	True	True	False		
Estado anterior - crescente	Bool	false	False	True	True	True	False		
Liga so o 1	Bool	false	False	True	True	True	False		
Liga so o 2	Bool	false	False	True	True	True	False		
Liga so o 3	Bool	false	False	True	True	True	False		
Desliga so o 3	Bool	false	False	True	True	True	False		
Desliga so o 2	Bool	false	False	True	True	True	False		

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Setpoint	Supervision	Comment
Desliga so o 1	Bool	false	False	True	True	True	False		
Pode atualizar	Bool	false	False	True	True	True	False		
M3	Bool	false	False	True	True	True	False		
Reset timer M3	Bool	false	False	True	True	True	False		
Estado anterior - M3	Bool	false	False	True	True	True	False		
EA - valvulas M3	Bool	false	False	True	True	True	False		
Atualiza 1	Bool	false	False	True	True	True	False		
Atualiza 2	Bool	false	False	True	True	True	False		
Atualiza 3	Bool	false	False	True	True	True	False		
EA - VC e comp - M3	Bool	false	False	True	True	True	False		
Atingir Plim	Bool	false	False	True	True	True	False		

Program blocks

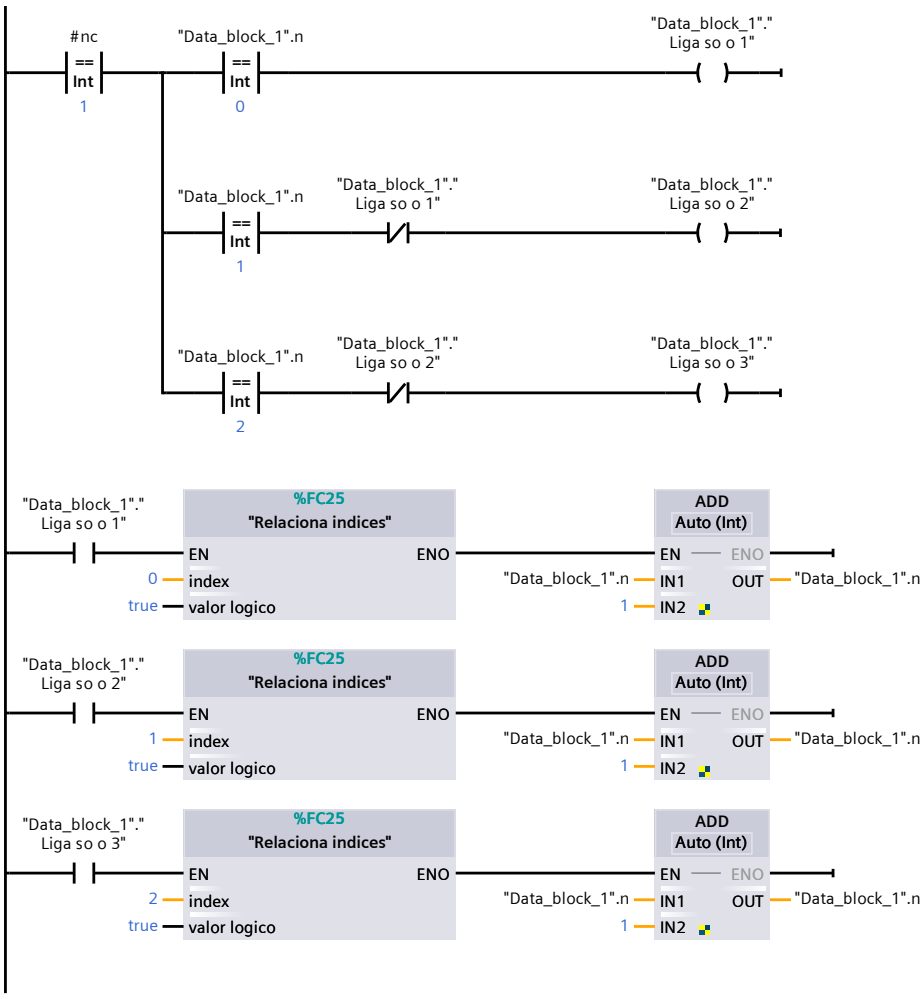
Aciona compressores [FC8]

Aciona compressores Properties							
General							
Name	Aciona compressores	**Number**	8	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
▼ Input			
nc	Int		Número de compressores
Output			
InOut			
Temp			
Constant			
▼ Return			
Aciona compressores	Void		

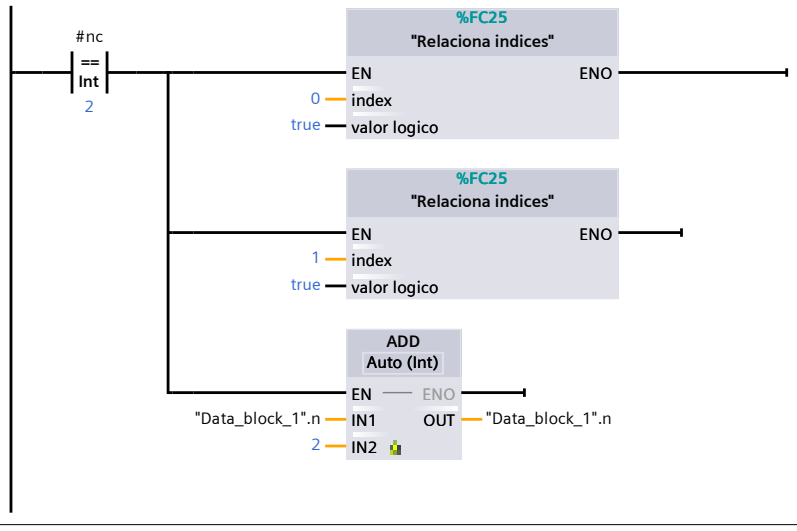
Network 1:

Apenas um compressor deve ser ligado



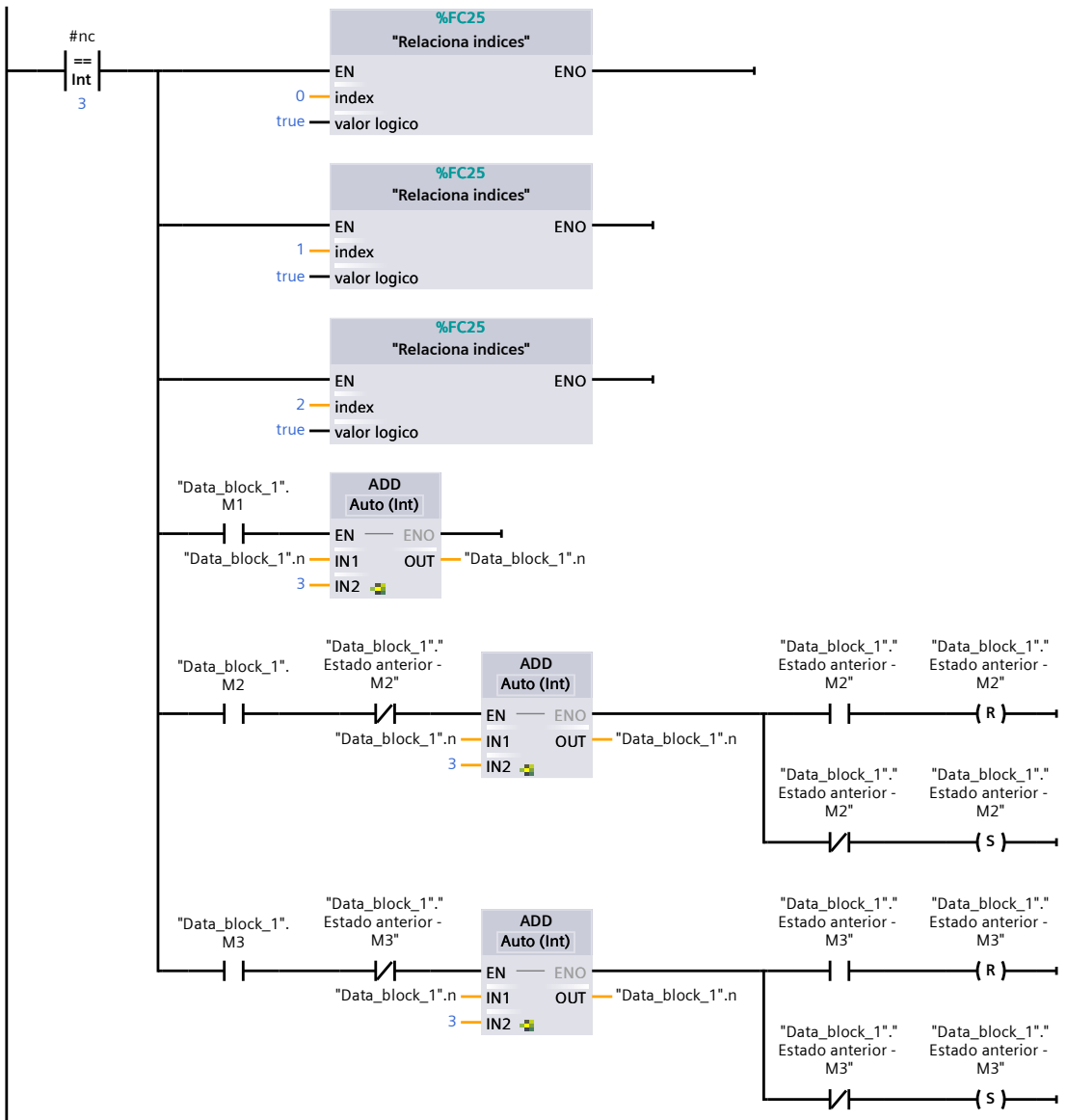
Network 2:

Dois compressores devem ser ligados



Network 3:

Três compressores devem ser ligados


#nc
==
Int
3
%FC25
"Relaciona indices"
EN
ENO
0
index
true
valor logico
%FC25
"Relaciona indices"
EN
ENO
1
index
true
valor logico
%FC25
"Relaciona indices"
EN
ENO
2
index
true
valor logico
"Data_block_1".
M1
ADD
Auto (Int)
EN
ENO
"Data_block_1".n
IN1
OUT
"Data_block_1".n
3
IN2
"Data_block_1".
M2
"Data_block_1"."
Estado anterior -
M2"
ADD
Auto (Int)
EN
ENO
"Data_block_1".n
IN1
OUT
"Data_block_1".n
3
IN2
"Data_block_1"."
Estado anterior -
M2"
R
"Data_block_1"."
Estado anterior -
M2"
"Data_block_1"."
Estado anterior -
M2"
S
"Data_block_1".
M3
"Data_block_1"."
Estado anterior -
M3"
ADD
Auto (Int)
EN
ENO
"Data_block_1".n
IN1
OUT
"Data_block_1".n
3
IN2
"Data_block_1"."
Estado anterior -
M3"
R
"Data_block_1"."
Estado anterior -
M3"
"Data_block_1"."
Estado anterior -
M3"
S

Program blocks

Desliga compressores [FC9]

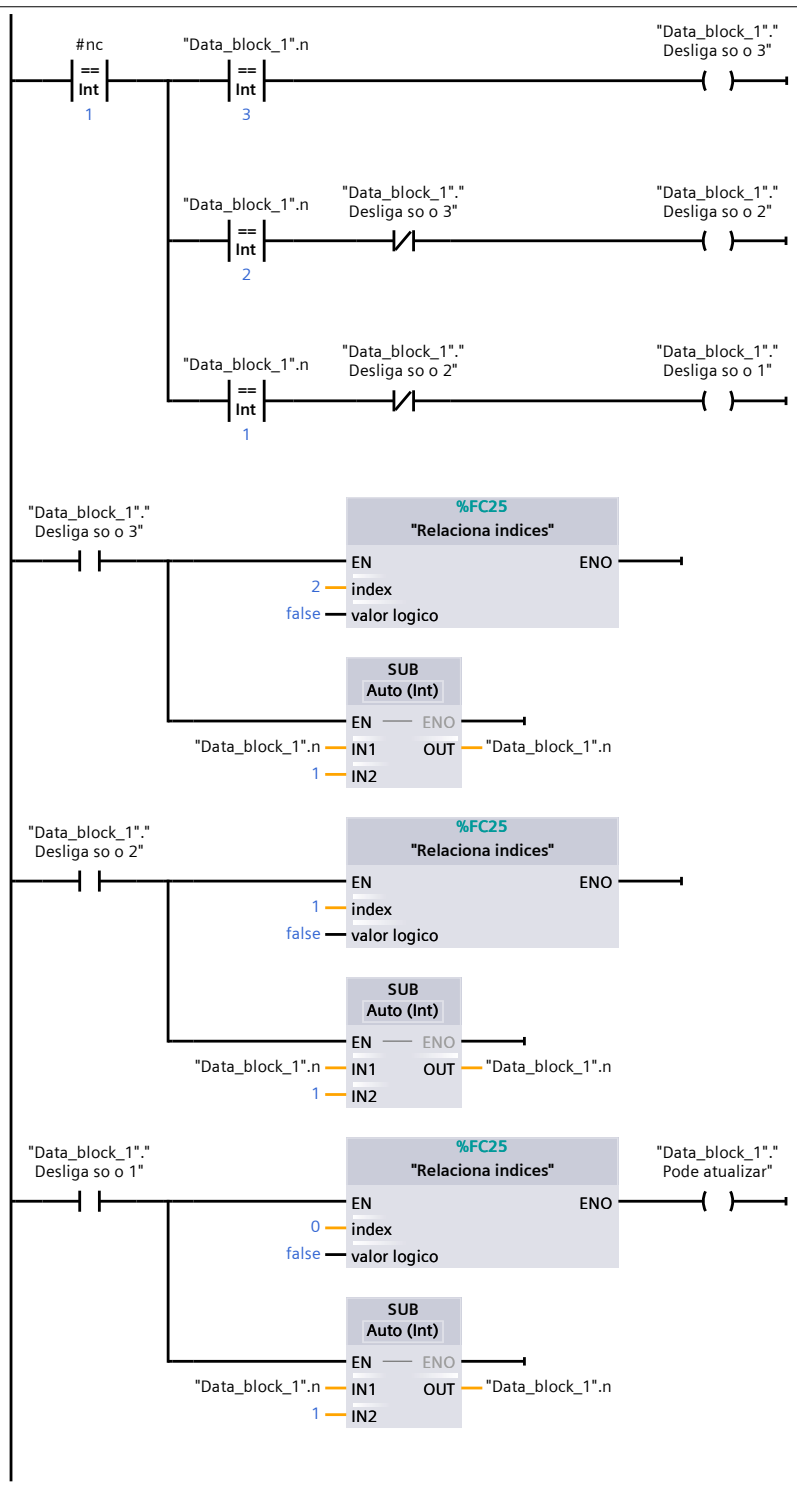
Desliga compressores Properties							
General							
Name	Desliga compressores	**Number**	9	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
▼ Input			
nc	Int		Número de compressores
Output			
InOut			
Temp			
Constant			
▼ Return			
Desliga compressores	Void		

Network 1:

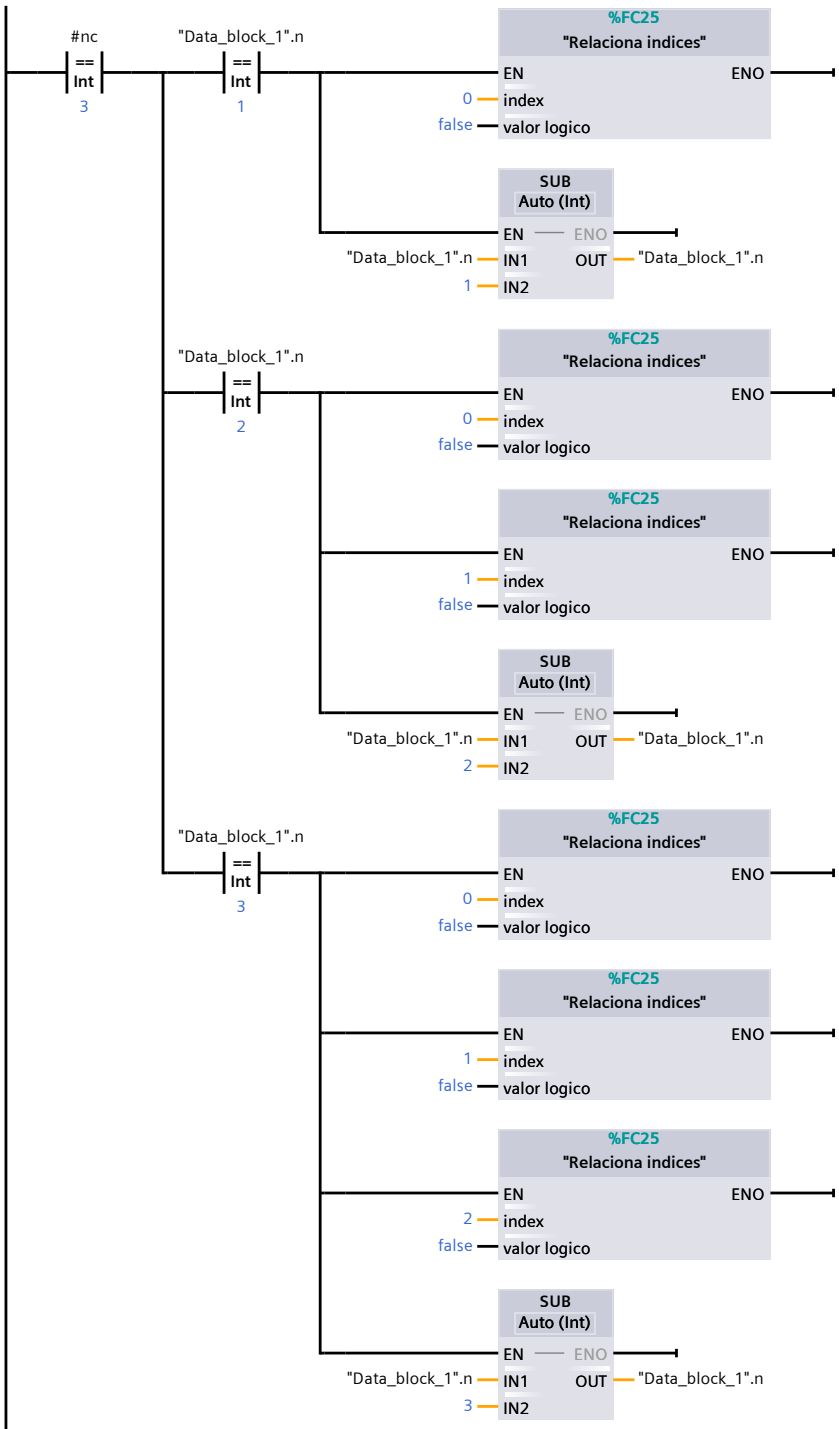
Apenas um compressor deve ser desligado

Apenas um compressor deve ser desligado



Network 2:

Devem ser desligados todos os compressores que estiverem ligados


#nc
== Int
3
"Data_block_1".n
== Int
1
%FC25
"Relaciona indices"
EN
ENO
0
index
false
valor logico
SUB
Auto (Int)
EN
ENO
"Data_block_1".n
IN1
OUT
"Data_block_1".n
1
IN2
"Data_block_1".n
== Int
2
%FC25
"Relaciona indices"
EN
ENO
0
index
false
valor logico
%FC25
"Relaciona indices"
EN
ENO
1
index
false
valor logico
SUB
Auto (Int)
EN
ENO
"Data_block_1".n
IN1
OUT
"Data_block_1".n
2
IN2
"Data_block_1".n
== Int
3
%FC25
"Relaciona indices"
EN
ENO
0
index
false
valor logico
%FC25
"Relaciona indices"
EN
ENO
1
index
false
valor logico
%FC25
"Relaciona indices"
EN
ENO
2
index
false
valor logico
SUB
Auto (Int)
EN
ENO
"Data_block_1".n
IN1
OUT
"Data_block_1".n
3
IN2

Program blocks

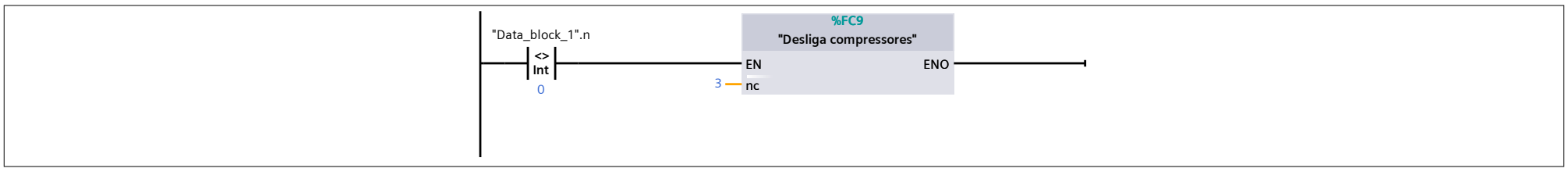
Verifica compressores [FC10]

Verifica compressores Properties							
General							
Name	Verifica compressores	**Number**	10	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
Temp			
Constant			
▼ Return			
Verifica compressores	Void		

Network 1:

Se houver algum compressor acionado



Program blocks

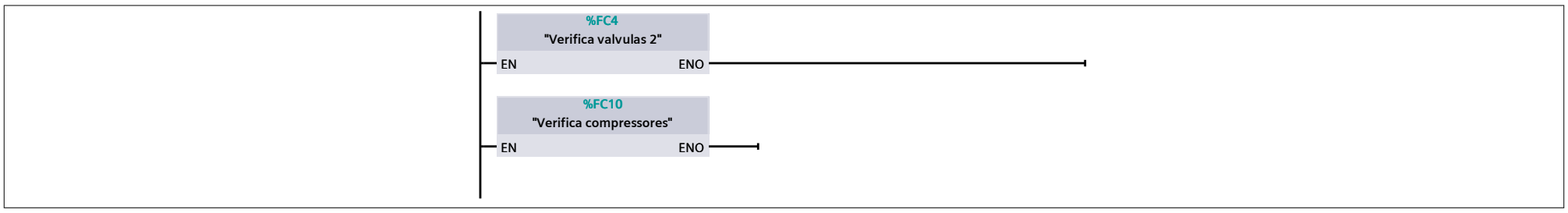
Finaliza operacao [FC11]

Finaliza operacao Properties							
General							
Name	Finaliza operacao	**Number**	11	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
Temp			
Constant			
▼ Return			
Finaliza operacao	Void		

Network 1:

Finalizando operação



Program blocks

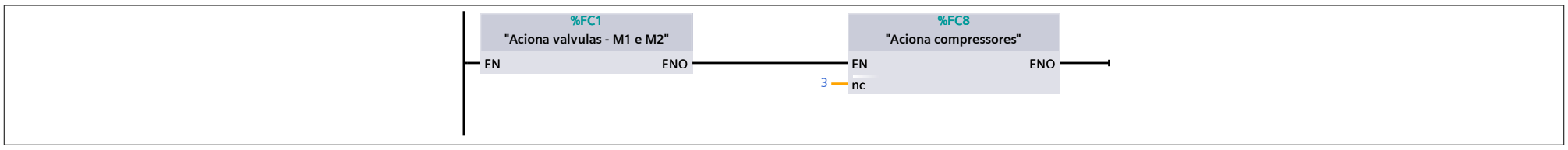
M2 - Operacao iniciada [FC12]

M2 - Operacao iniciada Properties							
General							
Name	M2 - Operacao iniciada	**Number**	12	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
Temp			
Constant			
▼ Return			
M2 - Operacao iniciada	Void		

Network 1:

MODO MANUAL [M2] - Operação iniciada



Program blocks

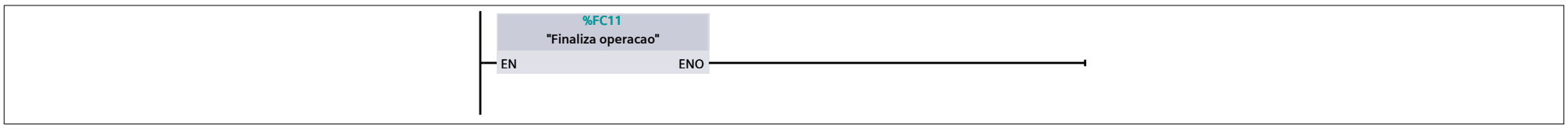
M2 - Operacao finalizada [FC13]

M2 - Operacao finalizada Properties							
General							
Name	M2 - Operacao finalizada	**Number**	13	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
Temp			
Constant			
▼ Return			
M2 - Operacao finalizada	Void		

Network 1:

MODO MANUAL [M2] - Operação finalizada



Program blocks

Aciona valvulas - M3 [FC14]

Aciona valvulas - M3 Properties							
General							
Name	Aciona valvulas - M3	**Number**	14	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
Temp			
Constant			
▼ Return			
Aciona valvulas - M3	Void		

Network 1:

Acionando válvulas da linha direta

Program blocks

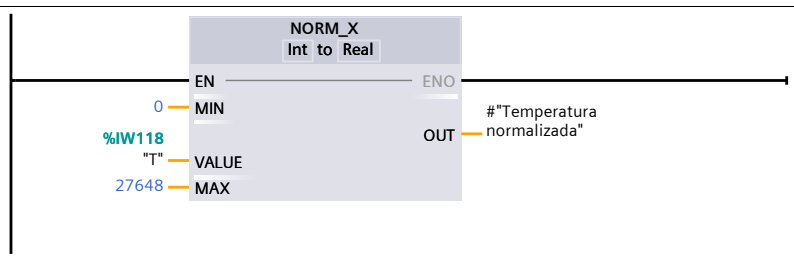
Obtem temperatura [FC15]

Obtem temperatura Properties							
General							
Name	Obtem temperatura	**Number**	15	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
▼ Output			
Temperatura	Real		Temperatura obtida
InOut			
▼ Temp			
Temperatura normalizada	Real		Temperatura normalizada
Constant			
▼ Return			
Obtem temperatura	Void		

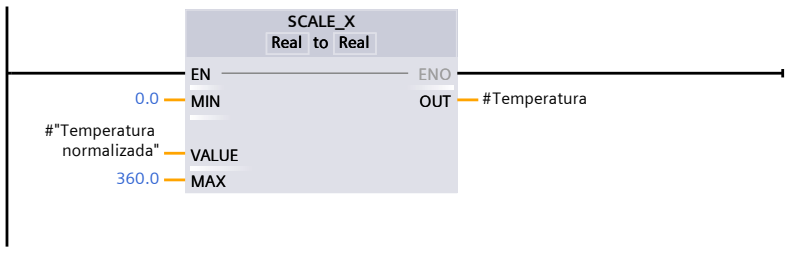
Network 1:

Normalização do valor de temperatura lido do transmissor



Network 2:

Scale do valor de temperatura normalizada para a faixa 0.5 a 2.5



Program blocks

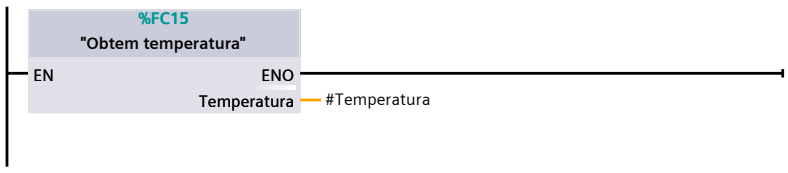
Atinge pressao de eq [FC16]

Atinge pressao de eq Properties							
General							
Name	Atinge pressao de eq	**Number**	16	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
▼ Temp			
Threshold de Ta	Real		Threshold da temperatura ambiente
Temperatura	Real		Temperatura obtida
Constant			
▼ Return			
Atinge pressao de eq	Void		

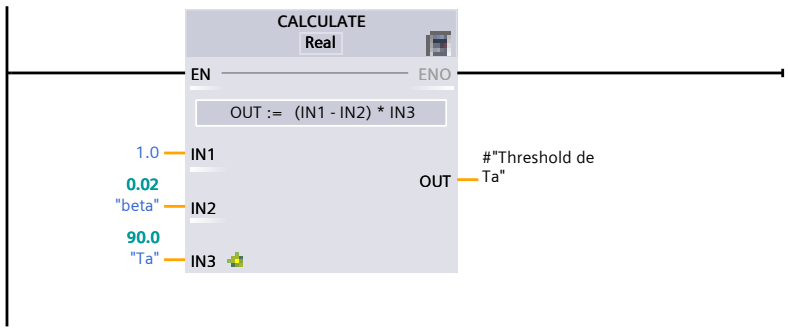
Network 1:

Monitora temperatura



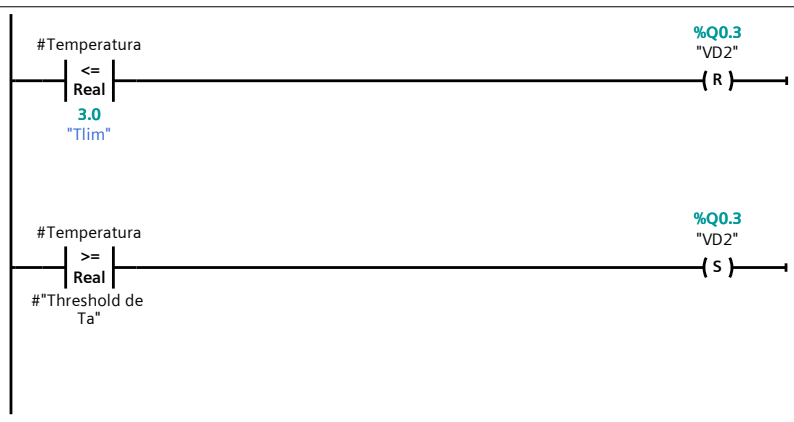
Network 2:

Calcula Threshold de Ta: (1 - beta)*Ta



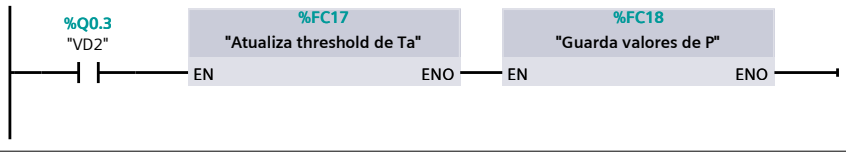
Network 3:

Testa as condições



Network 4:

Realiza ramo da Vd2 acionada



Program blocks

Atualiza threshold de Ta [FC17]

Atualiza threshold de Ta Properties							
General							
Name	Atualiza threshold de Ta	**Number**	17	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
Temp			
Constant			
▼ Return			
Atualiza threshold de Ta	Void		

Program blocks

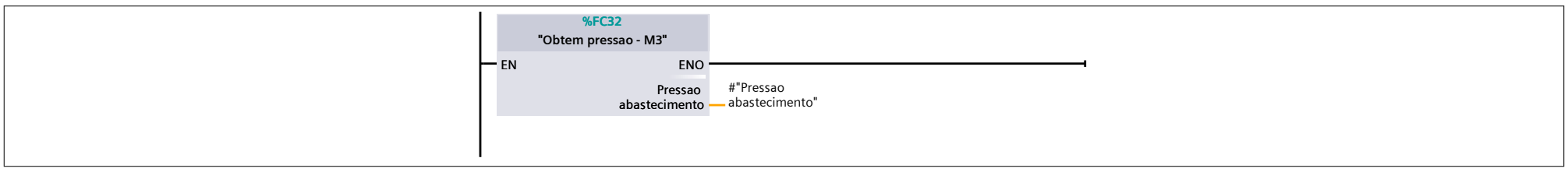
Guarda valores de P [FC18]

Guarda valores de P Properties							
General							
Name	Guarda valores de P	**Number**	18	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
▼ Temp			
Pressao abastecimento	Real		
Constant			
▼ Return			
Guarda valores de P	Void		

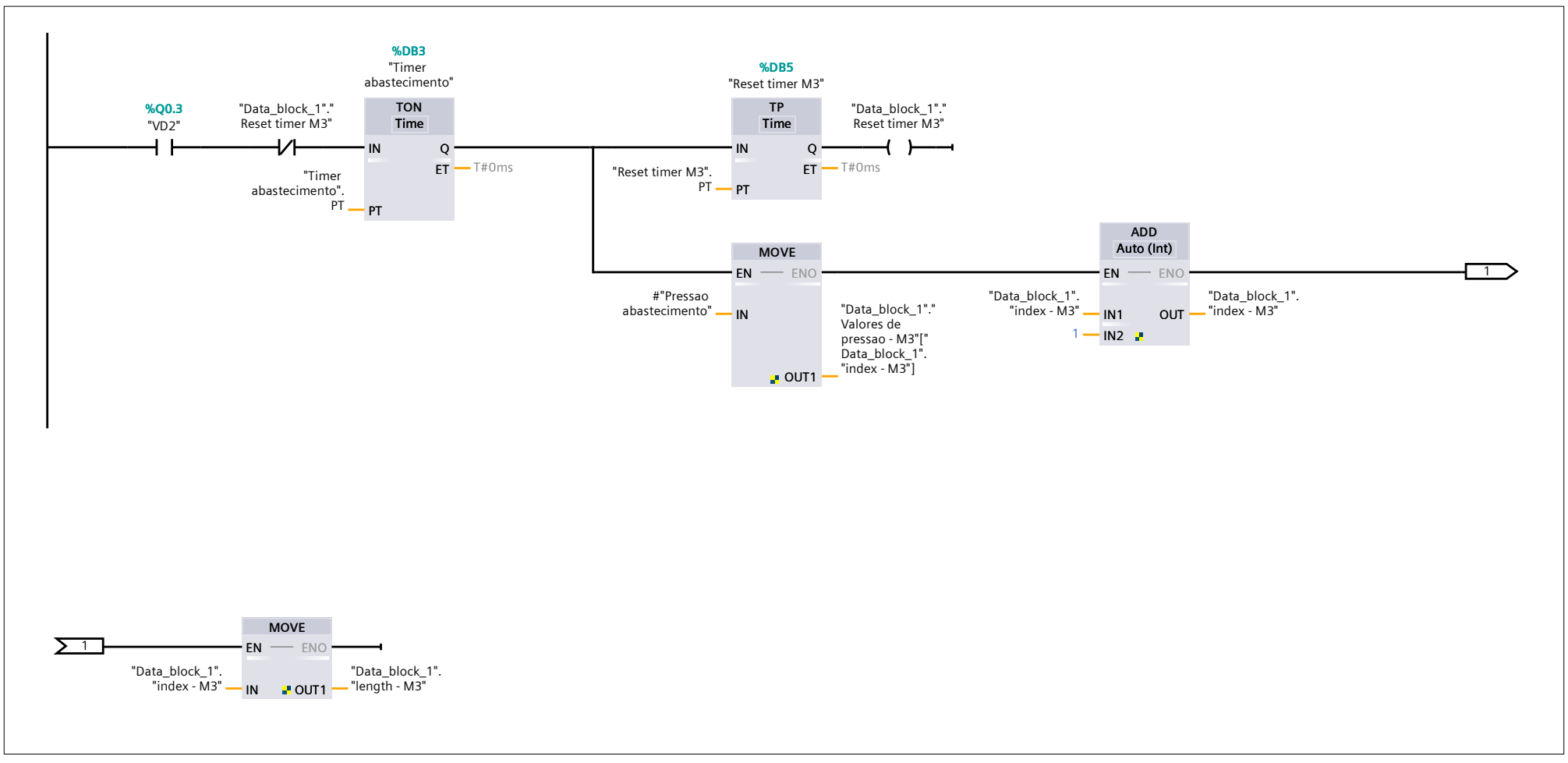
Network 1:

Obtém pressão do nó estendido



Network 2:

Aloca o array de valores da pressão de abastecimento



Program blocks

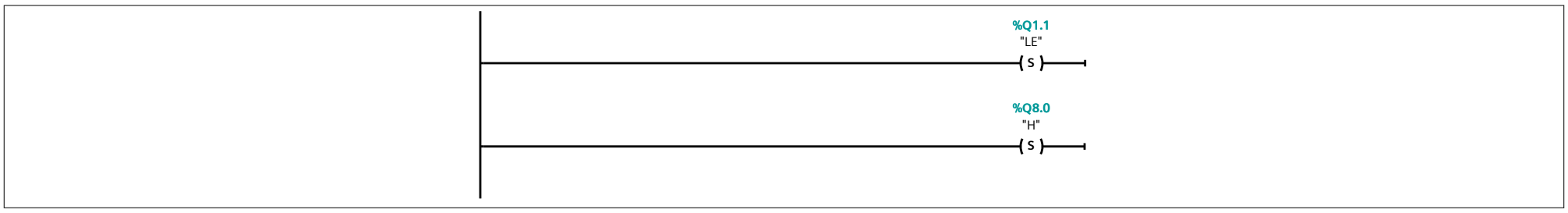
Protocolo de Emergencia [FC19]

Protocolo de Emergencia Properties							
General							
Name	Protocolo de Emergencia	**Number**	19	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
Temp			
Constant			
▼ Return			
Protocolo de Emergencia	Void		

Network 1:

Aciona LED de emergência e alarme H



Program blocks

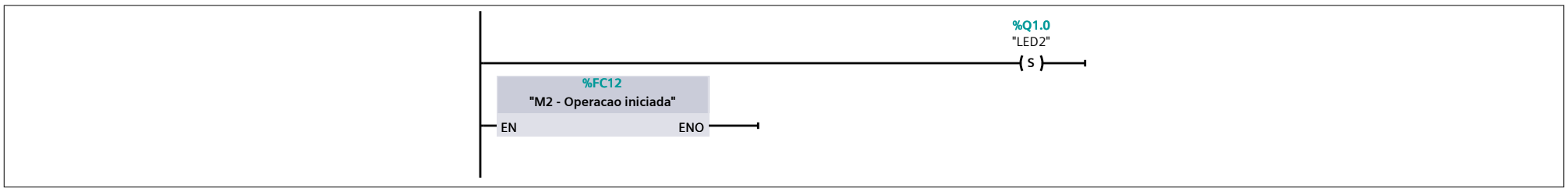
OPERACAO - M2 [FC20]

OPERACAO - M2 Properties							
General							
Name	OPERACAO - M2	**Number**	20	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
Temp			
Constant			
▼ Return			
OPERACAO - M2	Void		

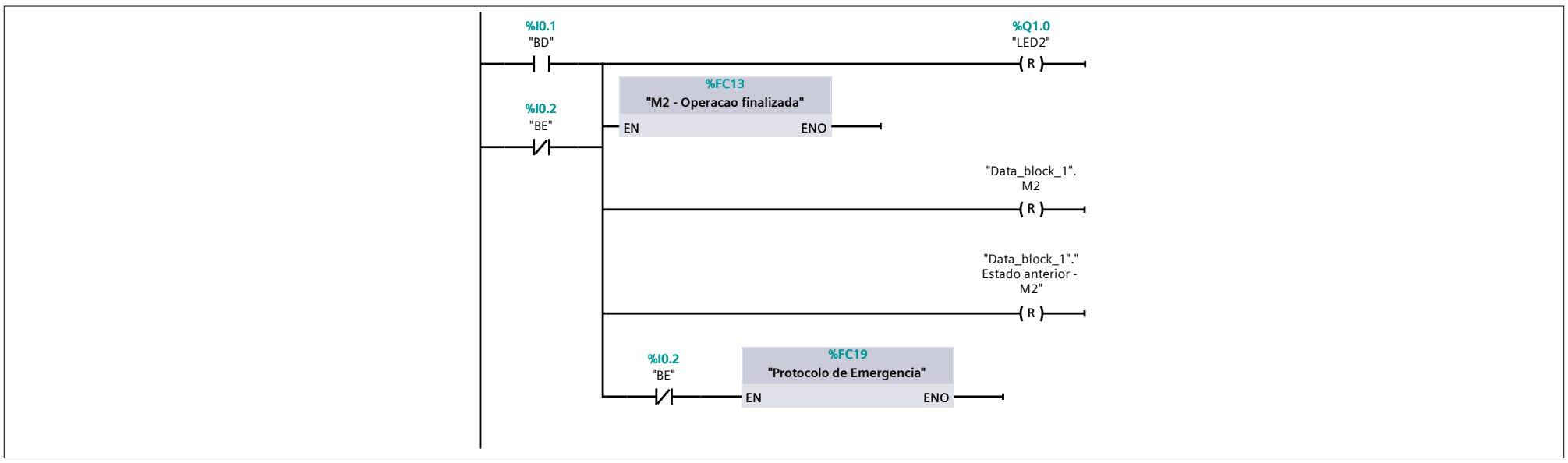
Network 1:

Em operação



Network 2:

Saindo da operação



Program blocks

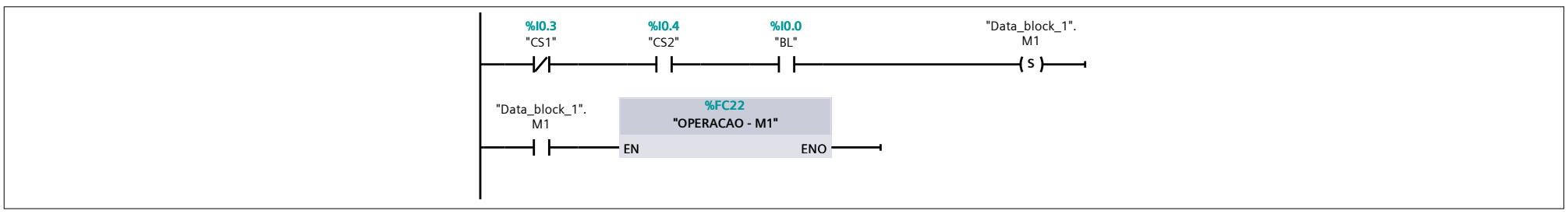
Logica CONJUNTA [FC21]

Logica CONJUNTA Properties							
General							
Name	Logica CONJUNTA	**Number**	21	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
▼ Temp			
Pressao	Real		Pressão obtida
Constant			
▼ Return			
Logica CONJUNTA	Void		

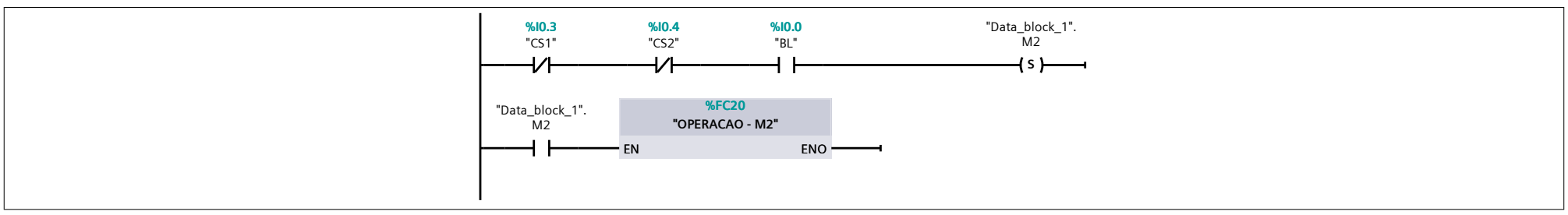
Network 1:

Chave seletora na posição 1



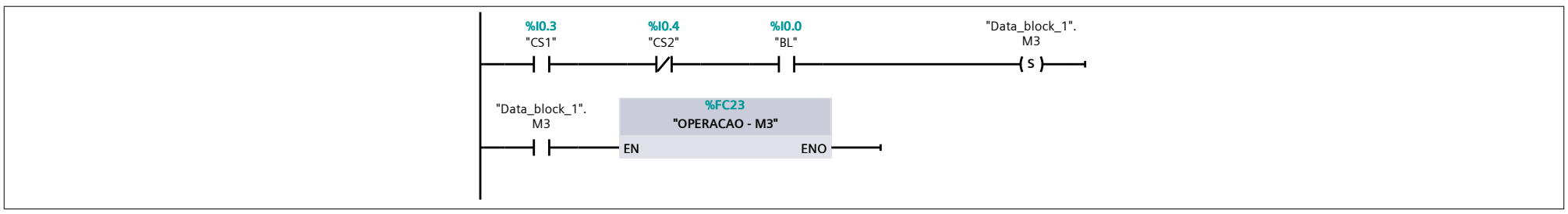
Network 2:

Chave seletora na posição 2



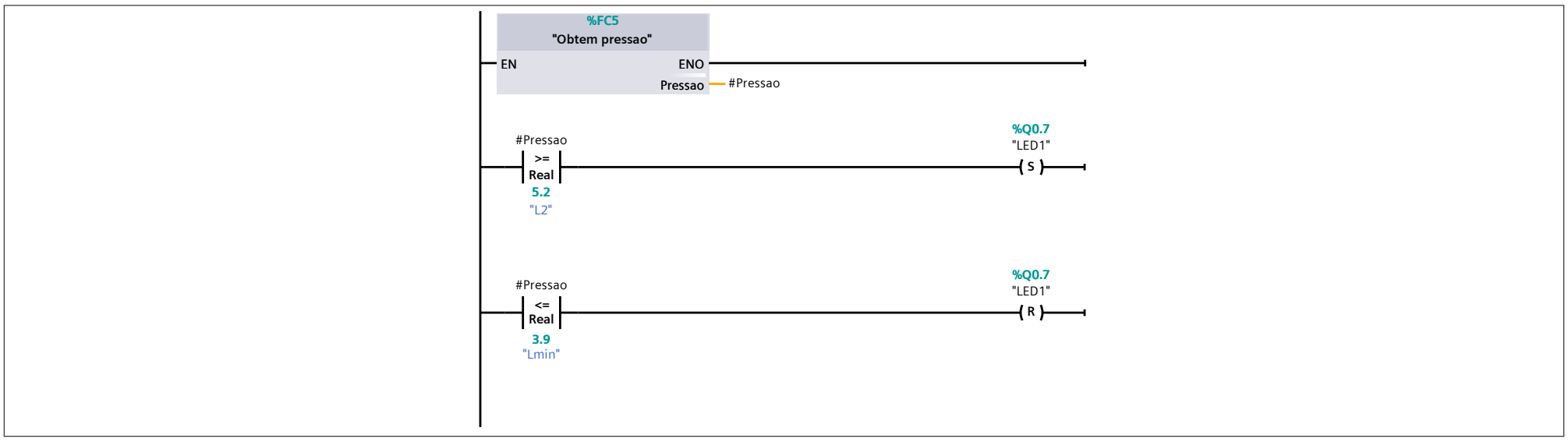
Network 3:

Chave seletora na posição 3



Network 4:

Verifica nível de pressão do tanque separador



Program blocks

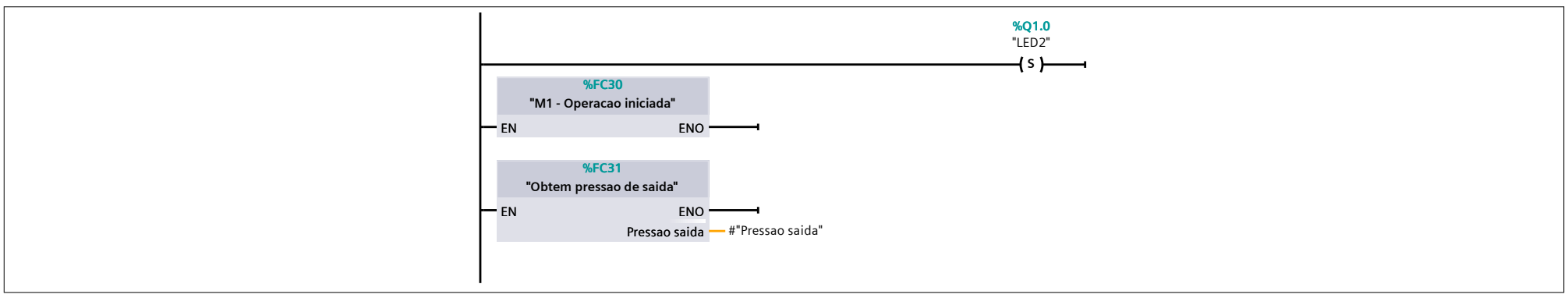
OPERACAO - M1 [FC22]

OPERACAO - M1 Properties							
General							
Name	OPERACAO - M1	**Number**	22	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
▼ Temp			
Pressao saida	Real		Pressão na saída do conjunto de compressores
Constant			
▼ Return			
OPERACAO - M1	Void		

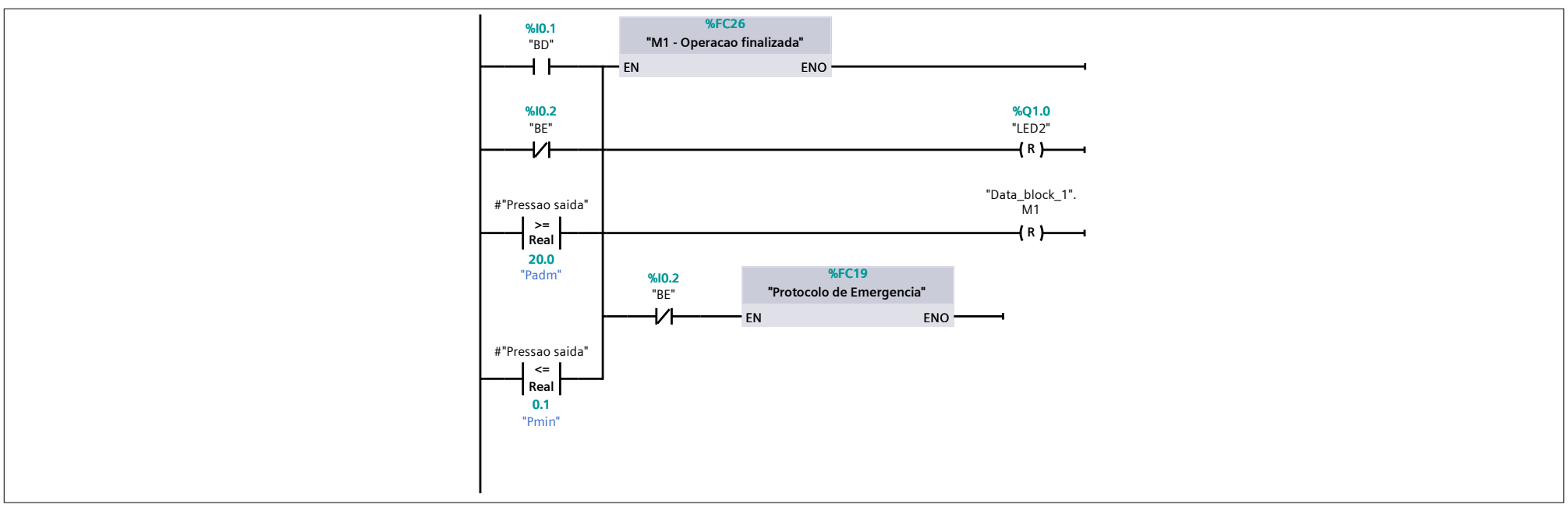
Network 1:

Em operação



Network 2:

Saindo da operação



Program blocks

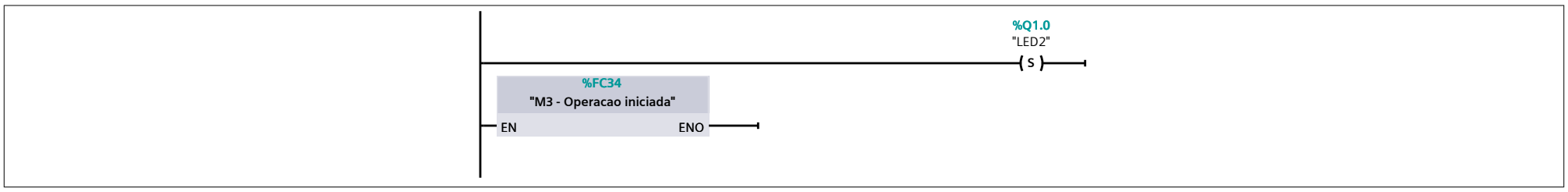
OPERACAO - M3 [FC23]

OPERACAO - M3 Properties							
General							
Name	OPERACAO - M3	**Number**	23	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
Temp			
Constant			
▼ Return			
OPERACAO - M3	Void		

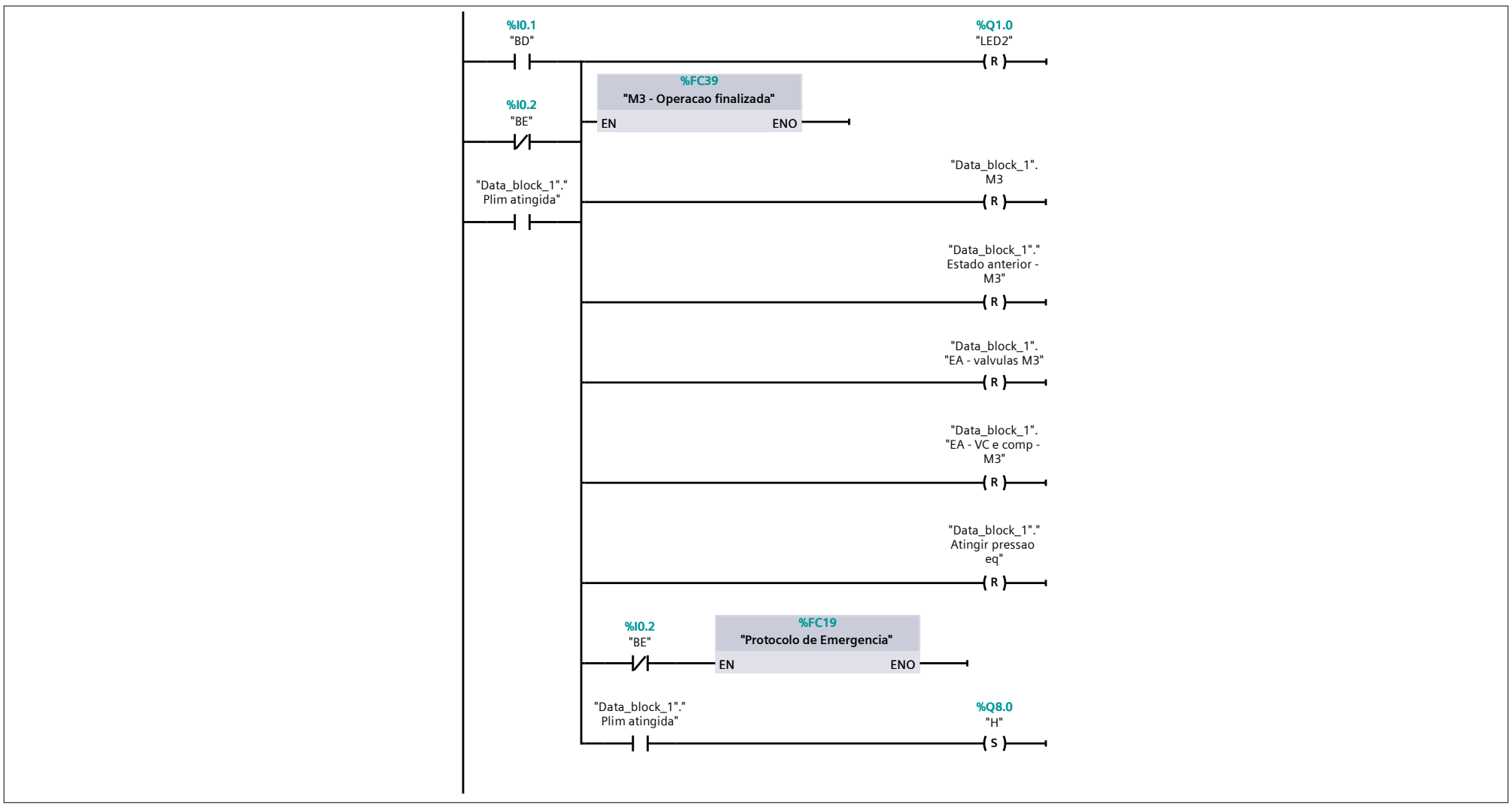
Network 1:

Em operação



Network 2:

Saindo da operação



Program blocks

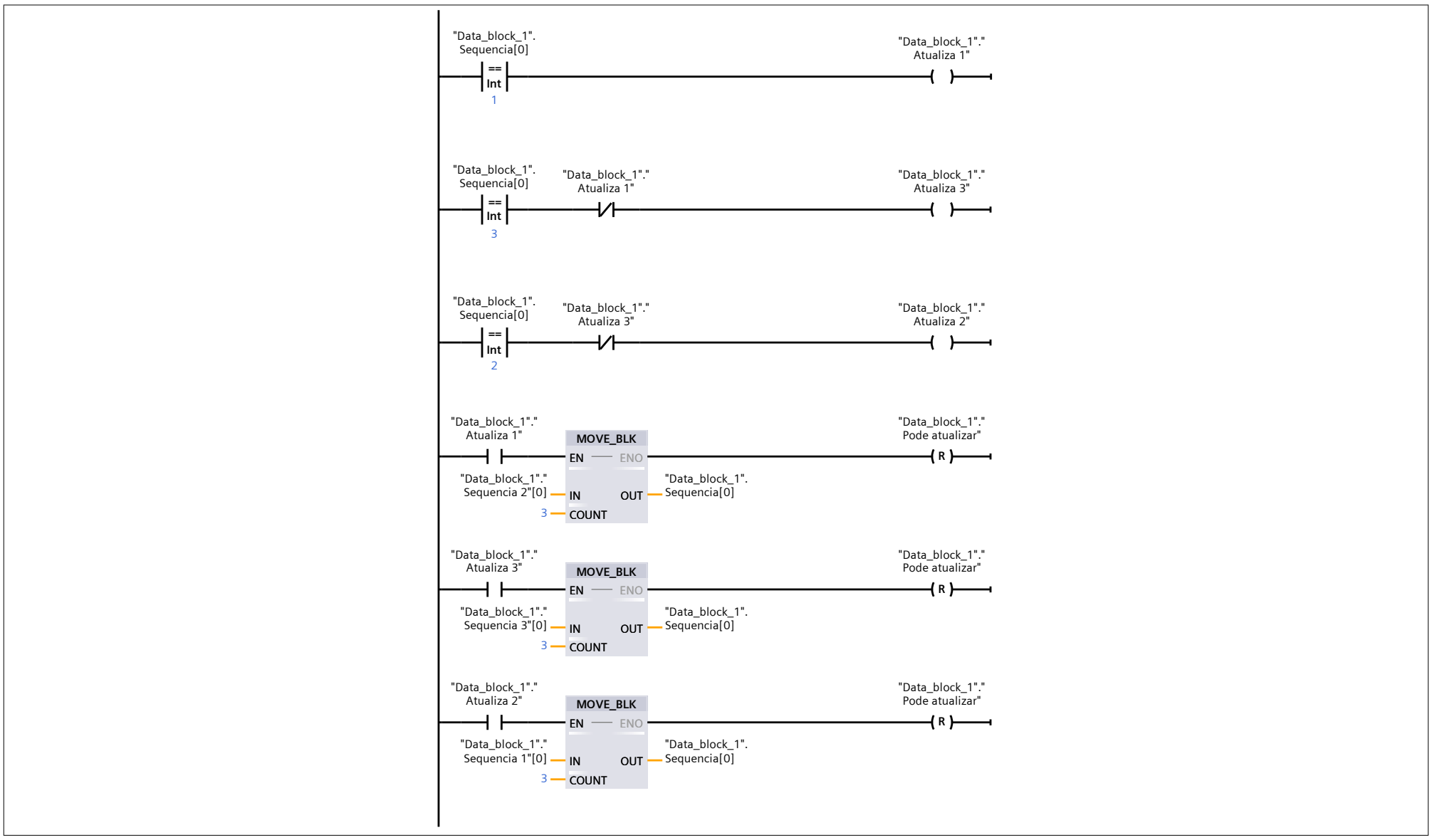
Atualiza indices [FC24]

Atualiza indices Properties							
General							
Name	Atualiza indices	**Number**	24	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
Temp			
Constant			
▼ Return			
Atualiza indices	Void		

Network 1:

Verifica primeiro elemento do array Sequencia e toma a decisão de atualização correspondente



Program blocks

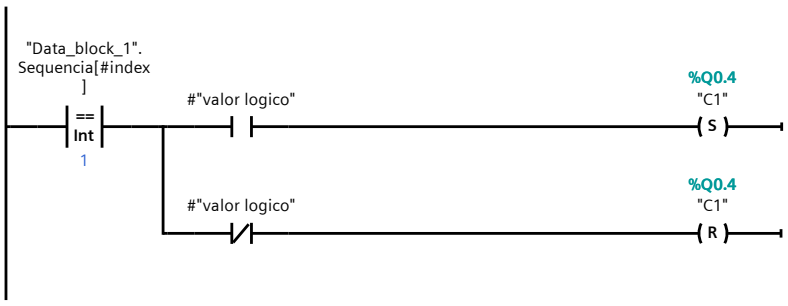
Relaciona indices [FC25]

Relaciona indices Properties							
General							
Name	Relaciona indices	**Number**	25	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
▼ Input			
index	Int		Índice da sequência de compressores
valor logico	Bool		Valor que determina se é preciso ligar ou desligar
Output			
InOut			
Temp			
Constant			
▼ Return			
Relaciona indices	Void		

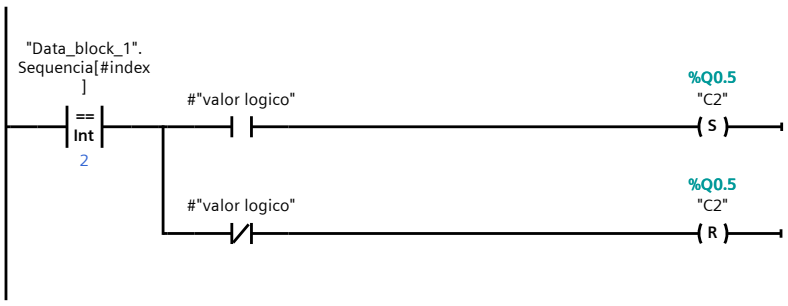
Network 1:

Seta ou reseta caso Sequencia[index] == 1



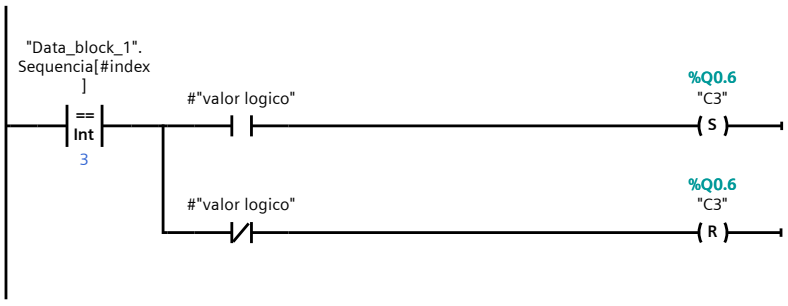
Network 2:

Seta ou reseta caso Sequencia[index] == 2



Network 3:

Seta ou reseta caso Sequencia[index] == 3



Program blocks

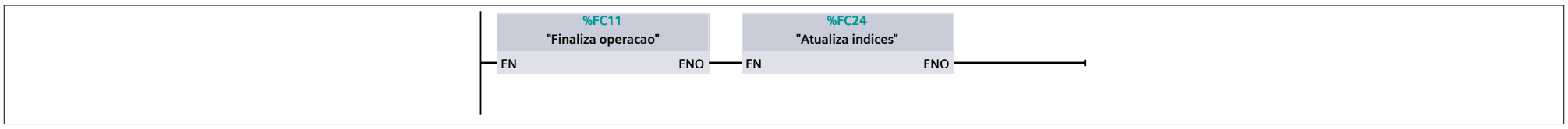
M1 - Operacao finalizada [FC26]

M1 - Operacao finalizada Properties							
General							
Name	M1 - Operacao finalizada	**Number**	26	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
Temp			
Constant			
▼ Return			
M1 - Operacao finalizada	Void		

Network 1:

MODO AUTOMÁTICO [M1] - Operação finalizada



Program blocks

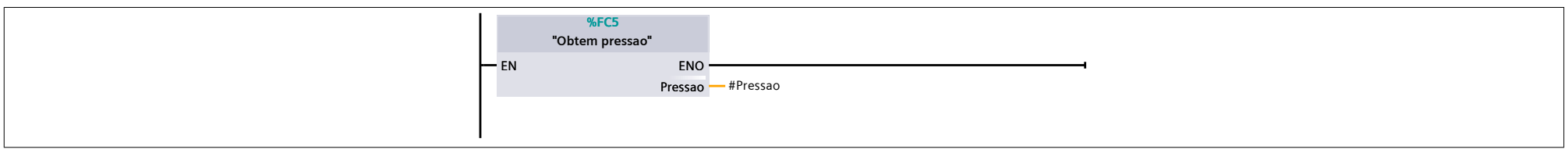
Monitora pressao [FC27]

Monitora pressao Properties							
General							
Name	Monitora pressao	**Number**	27	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
▼ Output			
Crescente	Bool		Pressão crescente ou decrescente
InOut			
▼ Temp			
Pressao	Real		Pressao obtida
Constant			
▼ Return			
Monitora pressao	Void		

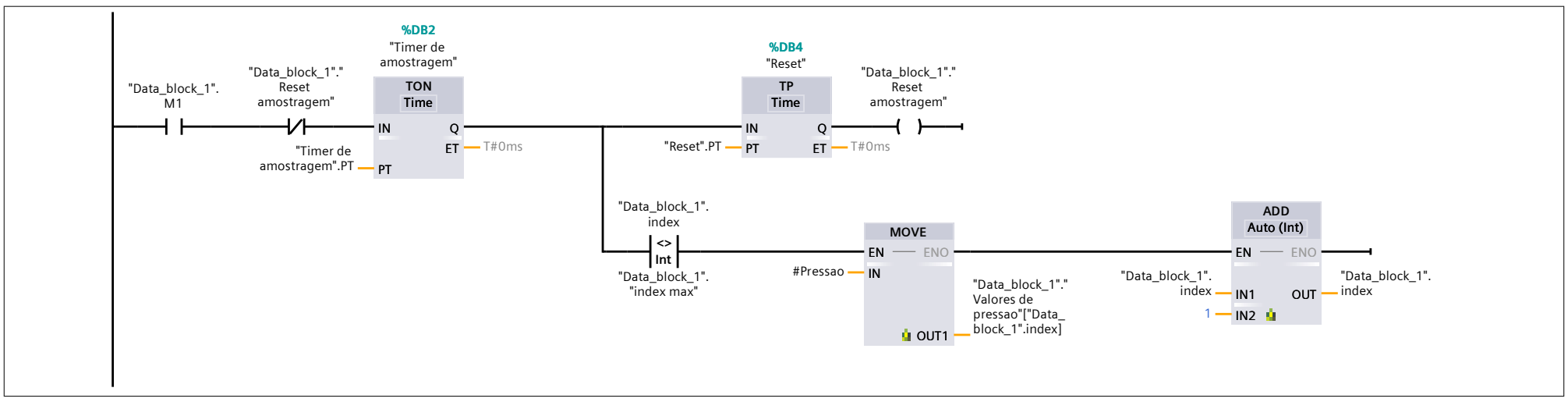
Network 1:

Lendo pressão



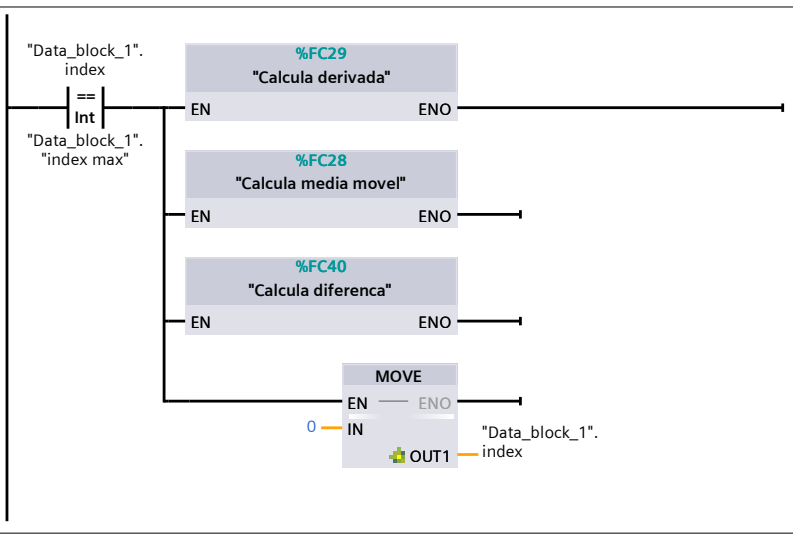
Network 2:

Loop

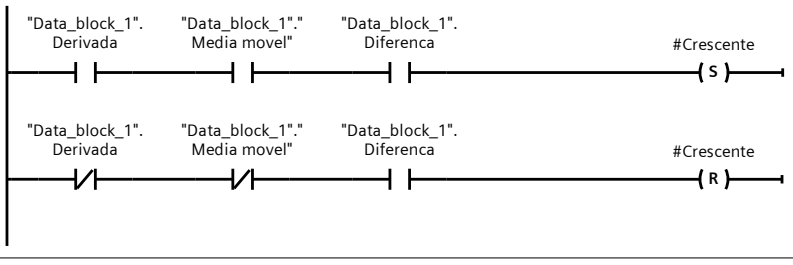


Network 3: Trava a aquisição quando index == 10

Realiza os cálculos da pressão e reseta o index



Network 4: Pressão crescente ou decrescente



Program blocks

Calcula media movel [FC28]

Calcula media movel Properties							
General							
Name	Calcula media movel	**Number**	28	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
▼ Temp			
Soma 6	Real		
Soma 20	Real		
index	Int		
Media 6	Real		
Media 20	Real		
Constant			
▼ Return			
Calcula media movel	Void		

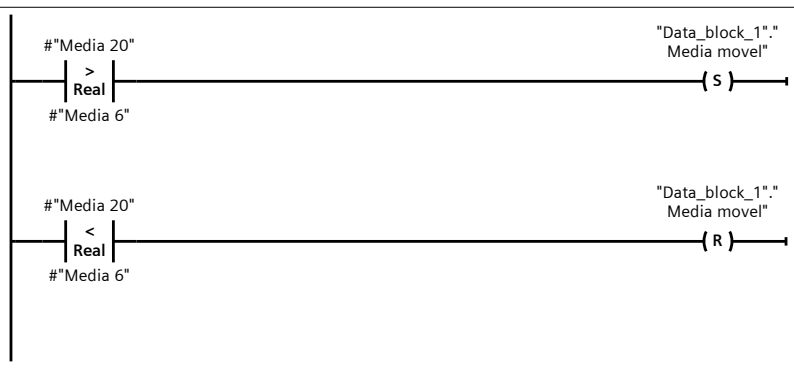
Network 1:

Calcula médias

```
0001 #"Soma 6" := 0.0;
0002 #"Media 6" := 0.0;
0003 #"Soma 20" := 0.0;
0004 #"Media 20" := 0.0;
0005
0006 FOR #"index" := 0 TO 19 DO
0007     // Statement section FOR
0008     IF (#"index" < 6) THEN
0009         // Statement section IF
0010         #"Soma 6" += "Data_block_1"."Valores de pressao"[#"index"];
0011     END_IF;
0012     #"Soma 20" += "Data_block_1"."Valores de pressao"[#"index"];
0013 END_FOR;
0014
0015 #"Media 6" := #"Soma 6" / 6;
0016 #"Media 20" := #"Soma 20" / 20;
0017
```

Network 2:

Atribui true ou false à variável Media movel



Program blocks

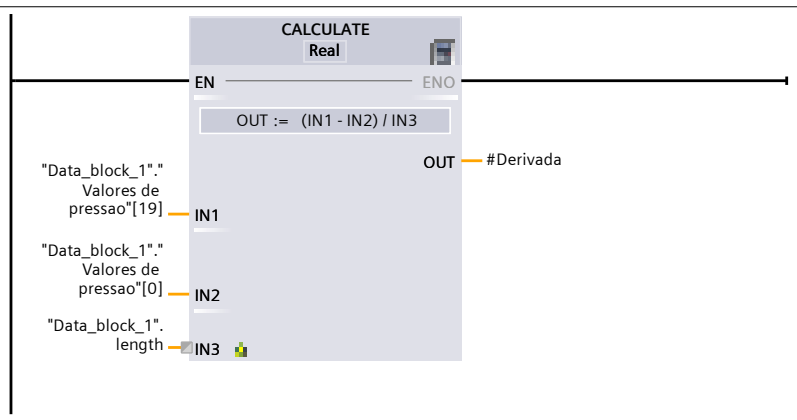
Calcula derivada [FC29]

Calcula derivada Properties							
General							
Name	Calcula derivada	**Number**	29	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
▼ Temp			
Derivada	Real		
Constant			
▼ Return			
Calcula derivada	Void		

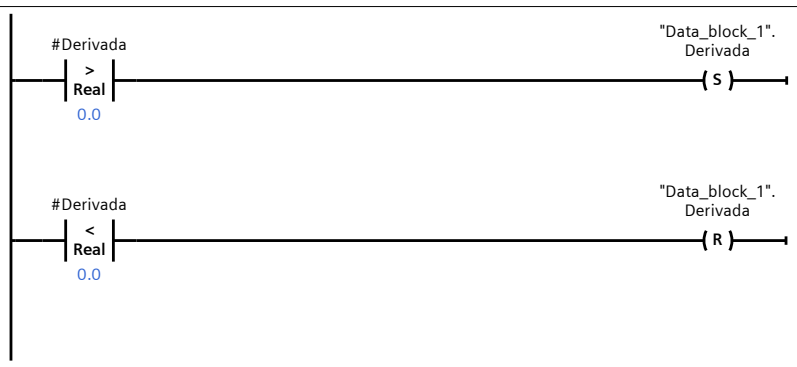
Network 1:

Calcula a derivada



Network 2: Indica se dP/dt > 0

Atribui verdadeiro ou falso para a variável Derivada



Program blocks

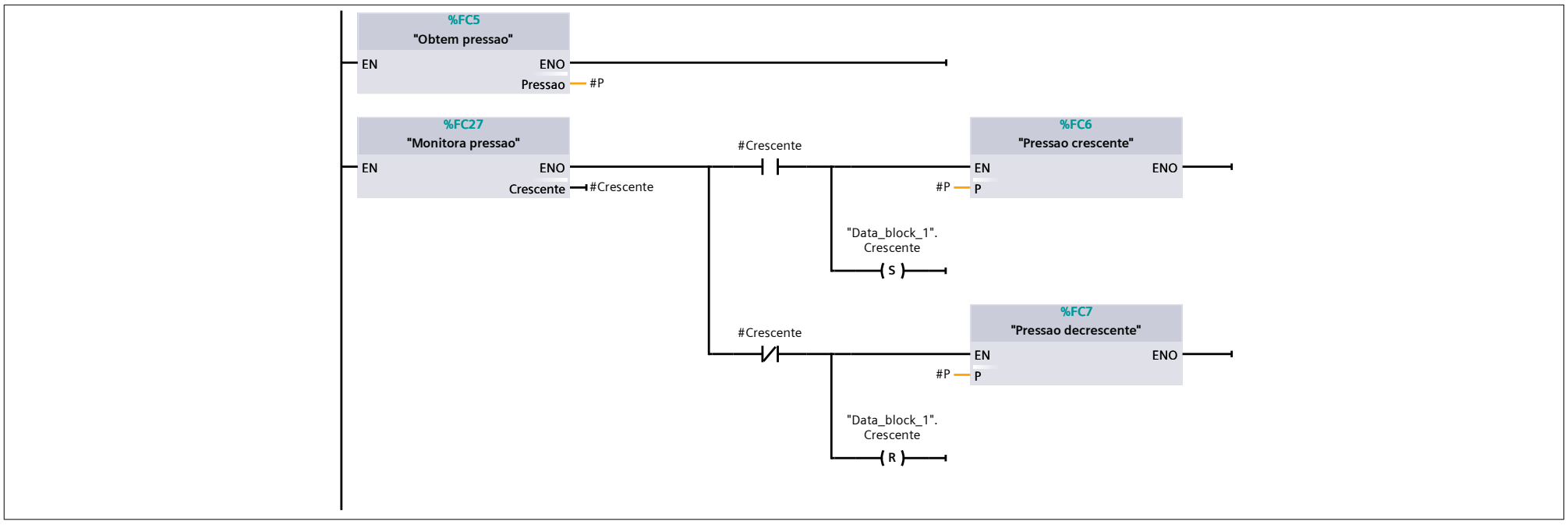
M1 - Operacao iniciada [FC30]

M1 - Operacao iniciada Properties							
General							
Name	M1 - Operacao iniciada	**Number**	30	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
▼ Temp			
Crescente	Bool		Output da função Monitora pressão
P	Real		Pressão no interior do tanque separador
Constant			
▼ Return			
M1 - Operacao iniciada	Void		

Network 1:

MODO AUTOMÁTICO [M1] - Operação iniciada



Program blocks

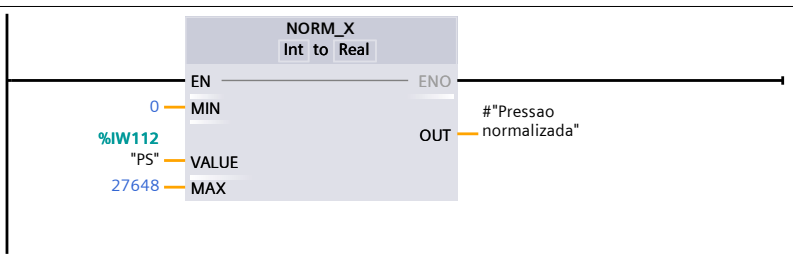
Obtem pressao de saida [FC31]

Obtem pressao de saida Properties							
General							
Name	Obtem pressao de saida	**Number**	31	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
▼ Output			
Pressao saida	Real		Pressão na saída do conjunto de compressores
InOut			
▼ Temp			
Pressao normalizada	Real		Pressão de saída normalizada
Constant			
▼ Return			
Obtem pressao de saida	Void		

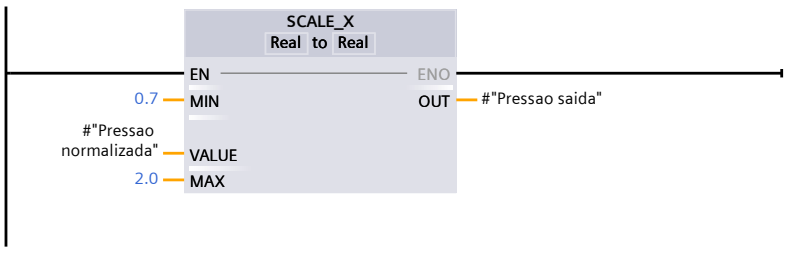
Network 1:

Normalização do valor de pressão lido do transmissor



Network 2:

Scale do valor da pressão normalizada para a faixa 0.7 a 2.0



Program blocks

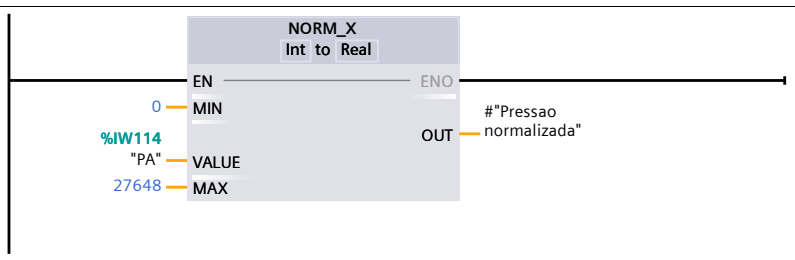
Obtem pressao - M3 [FC32]

Obtem pressao - M3 Properties							
General							
Name	Obtem pressao - M3	**Number**	32	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
▼ Output			
Pressao abastecimento	Real		Pressão no nó estendido
InOut			
▼ Temp			
Pressao normalizada	Real		Pressão normalizada
Constant			
▼ Return			
Obtem pressao - M3	Void		

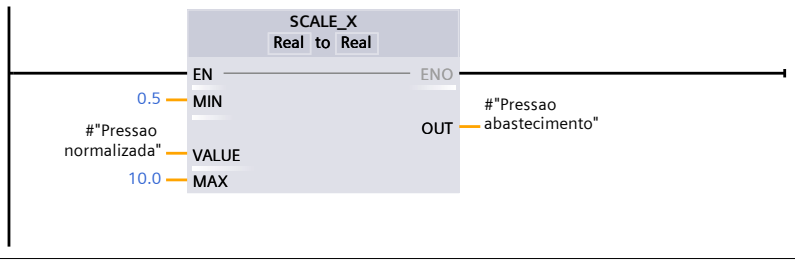
Network 1:

Normalização do valor de pressão lido do transmissor



Network 2:

Scale do valor da pressão normalizada para a faixa de 0.5 a 10.0



Program blocks

Calcula media - M3 [FC33]

Calcula media - M3 Properties							
General							
Name	Calcula media - M3	**Number**	33	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
▼ Output			
Media	Real		Média dos valores de pressão
InOut			
▼ Temp			
index	Int		
soma	Real		
Constant			
▼ Return			
Calcula media - M3	Void		

Network 1:

Calculando a média dos valores de pressão

```
0001 #index := 0;
0002 #soma := 0.0;
0003 #Media := 0.0;
0004
0005 FOR #index := 0 TO "Data_block_1"."length - M3" - 1 DO
0006     // Statement section FOR
0007     #soma += "Data_block_1"."Valores de pressao - M3"[#index];
0008 END_FOR;
0009
0010 #Media := #soma / "Data_block_1"."length - M3";
0011
```

Program blocks

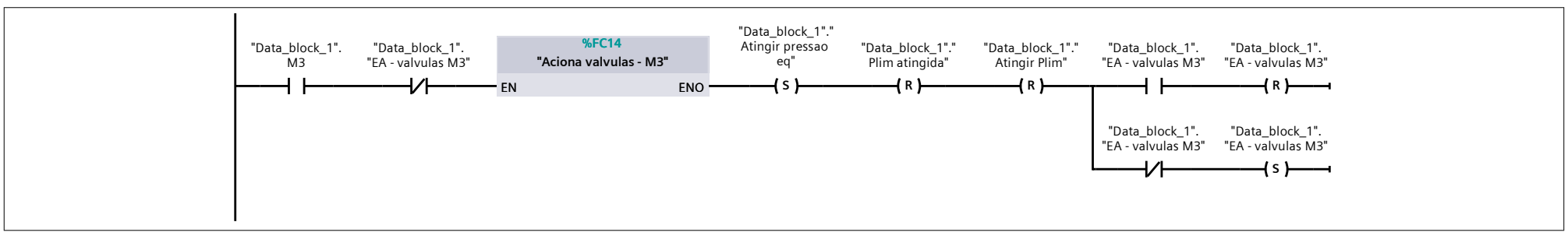
M3 - Operacao iniciada [FC34]

M3 - Operacao iniciada Properties							
General							
Name	M3 - Operacao iniciada	**Number**	34	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**	MODO ABASTECIMENTO [M3] - Operação iniciada	**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
▼ Temp			
Media	Real		Média dos valores de pressão
Threshold menor de Peq	Real		(1 - gamma)*Peq
Threshold maior de Peq	Real		(1 + gamma)*Peq
Constant			
▼ Return			
M3 - Operacao iniciada	Void		

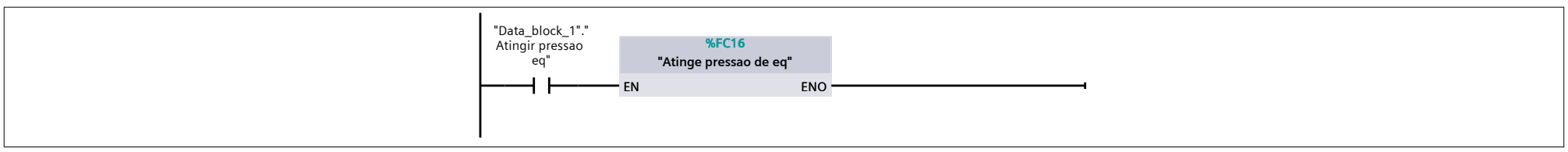
Network 1:

Acionando válvulas da linha direta



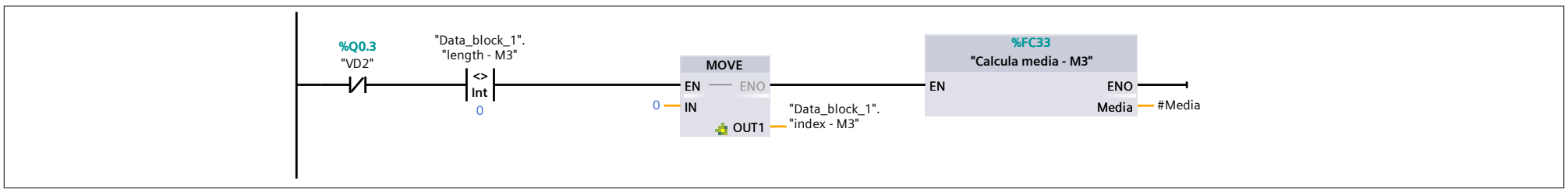
Network 2:

Atingindo pressão de equilíbrio na linha direta



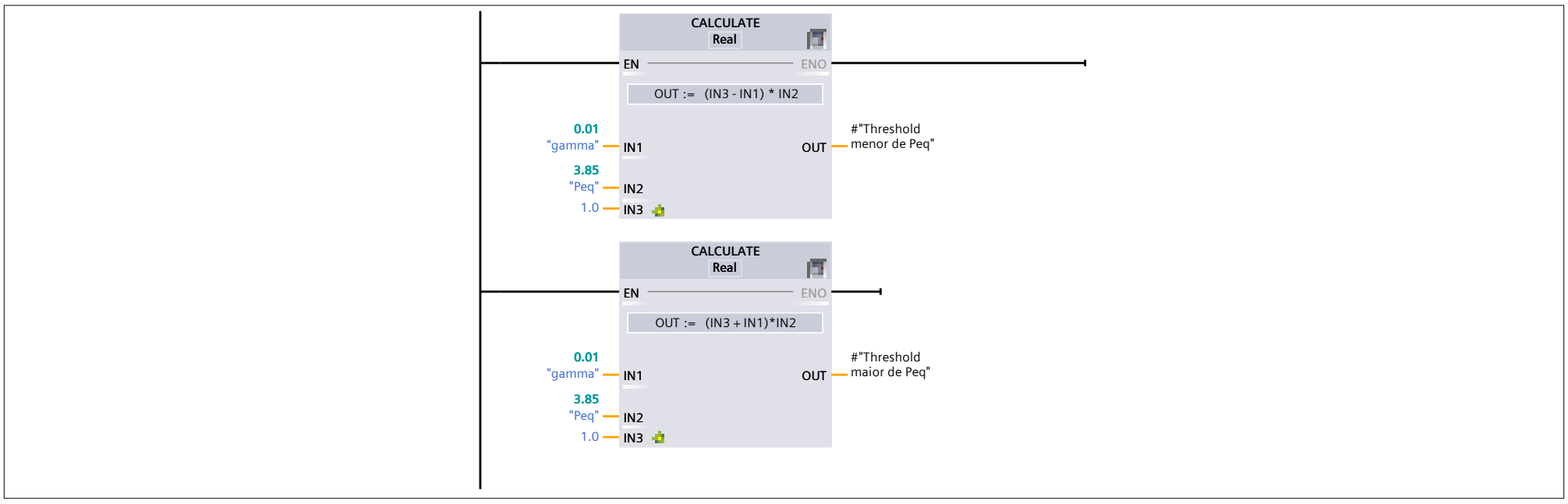
Network 3:

Calculando média da pressão



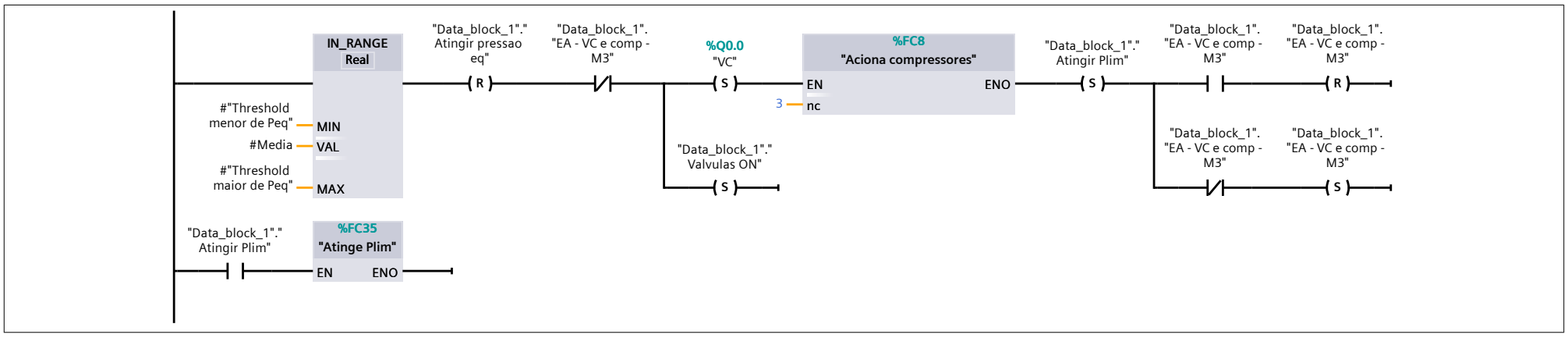
Network 4:

Obtendo o valor (1 - gamma)*Peq



Network 5:

Acionando válvula do sistema de compressores e acionando os compressores



Program blocks

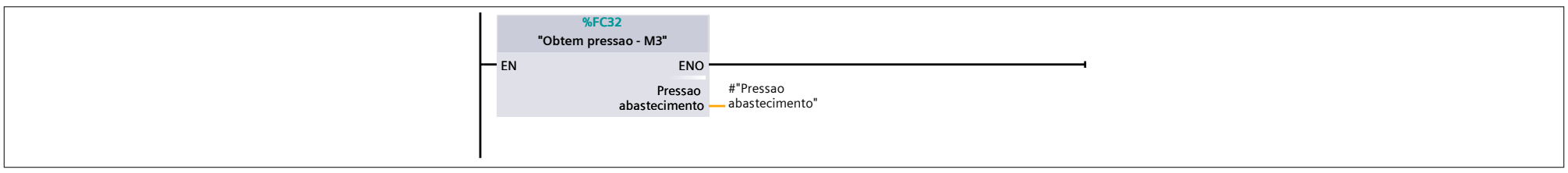
Atinge Plim [FC35]

Atinge Plim Properties							
General							
Name	Atinge Plim	**Number**	35	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
▼ Temp			
Pressao abastecimento	Real		
Constant			
▼ Return			
Atinge Plim	Void		

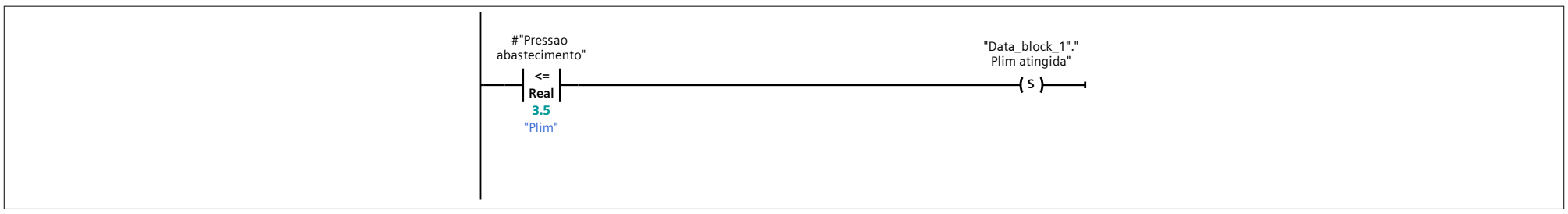
Network 1:

Obtém pressão de abastecimento



Network 2:

Verifica se a pressão atingiu o valor mínimo



Program blocks

Desliga valvulas - M3 [FC36]

Desliga valvulas - M3 Properties							
General							
Name	Desliga valvulas - M3	**Number**	36	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
Temp			
Constant			
▼ Return			
Desliga valvulas - M3	Void		

Network 1:

Desliga as válvulas da linha direta

Program blocks

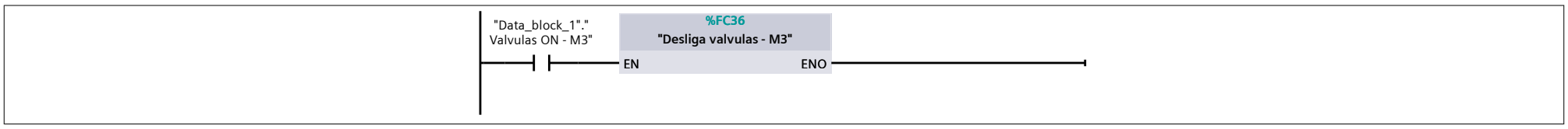
Verifica valvulas 3 [FC37]

Verifica valvulas 3 Properties							
General							
Name	Verifica valvulas 3	**Number**	37	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
Temp			
Constant			
▼ Return			
Verifica valvulas 3	Void		

Network 1:

Desliga as válvulas da linha direta caso estejam ligadas



Program blocks

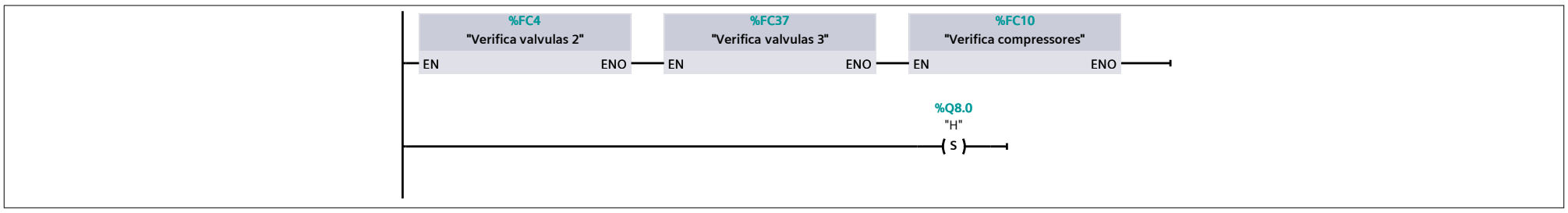
Finaliza operacao - M3 [FC38]

Finaliza operacao - M3 Properties							
General							
Name	Finaliza operacao - M3	**Number**	38	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
Temp			
Constant			
▼ Return			
Finaliza operacao - M3	Void		

Network 1:

Finalizando operação - M3



Program blocks

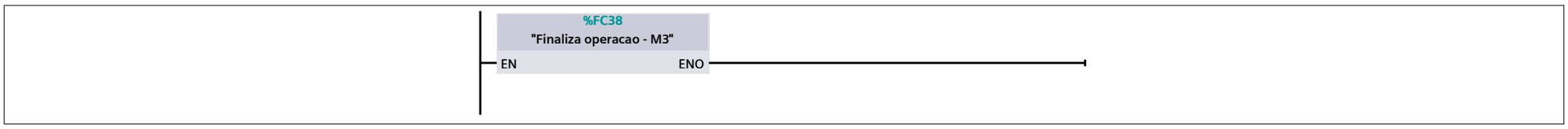
M3 - Operacao finalizada [FC39]

M3 - Operacao finalizada Properties							
General							
Name	M3 - Operacao finalizada	**Number**	39	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
Temp			
Constant			
▼ Return			
M3 - Operacao finalizada	Void		

Network 1:

MODO ABASTECIMENTO [M3] - Operação finalizada



Program blocks

Calcula diferenca [FC40]

Calcula diferenca Properties							
General							
Name	Calcula diferenca	**Number**	40	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

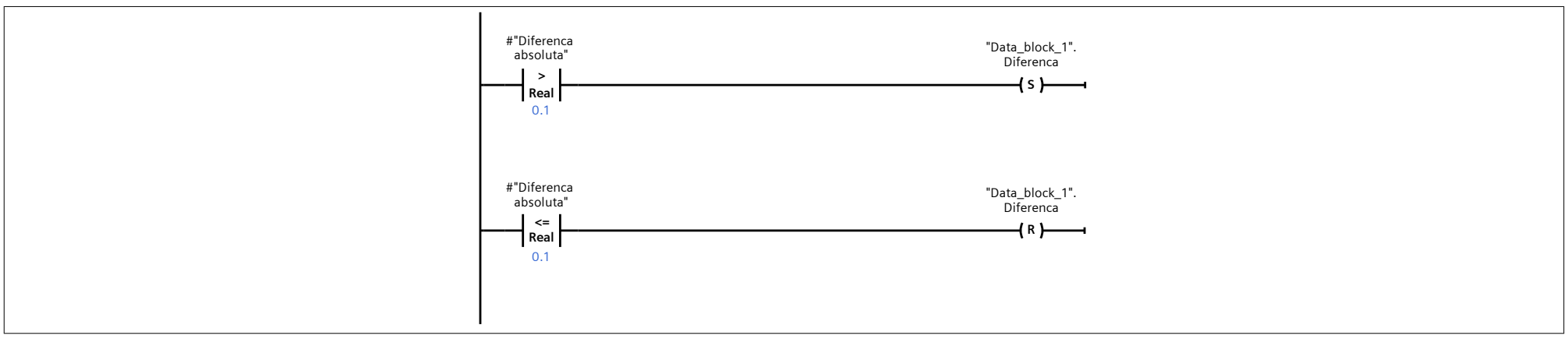
Name	Data type	Default value	Comment
Input			
Output			
InOut			
▼ Temp			
Diferenca	Real		Diferença entre primeiro e último elementos do vetor
Diferenca absoluta	Real		
Constant			
▼ Return			
Calcula diferenca	Void		

Network 1:

Calcula a diferença

Network 2:

Atribui true ou false à variável Diferenca



Program blocks / System blocks / Program resources

Timer de amostragem [DB2]

Timer de amostragem Properties							
General							
Name	Timer de amostragem	**Number**	2	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**	Simatic	**Comment**		**Family**	IEC
Version	1.0	**User-defined ID**	IEC_TMR				

Name	Data type	Start 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
▼ Static									
PT	Time	T#100MS	False	True	True	True	False		
ET	Time	T#0ms	False	True	False	True	False		
IN	Bool	false	False	True	True	True	False		
Q	Bool	false	False	True	False	True	False		

Program blocks / System blocks / Program resources

Timer abastecimento [DB3]

Timer abastecimento Properties							
General							
Name	Timer abastecimento	**Number**	3	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**	Simatic	**Comment**		**Family**	IEC
Version	1.0	**User-defined ID**	IEC_TMR				

Name	Data type	Start 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
▼ Static									
PT	Time	T#100MS	False	True	True	True	False		
ET	Time	T#0ms	False	True	False	True	False		
IN	Bool	false	False	True	True	True	False		
Q	Bool	false	False	True	False	True	False		

Program blocks / System blocks / Program resources

Reset [DB4]

Reset Properties							
General							
Name	Reset	**Number**	4	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**	Simatic	**Comment**		**Family**	IEC
Version	1.0	**User-defined ID**	IEC_TMR				

Name	Data type	Start 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
▼ Static									
PT	Time	T#10MS	False	True	True	True	False		
ET	Time	T#0ms	False	True	False	True	False		
IN	Bool	false	False	True	True	True	False		
Q	Bool	false	False	True	False	True	False		

Program blocks / System blocks / Program resources

Reset timer M3 [DB5]

Reset timer M3 Properties							
General							
Name	Reset timer M3	**Number**	5	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**	Simatic	**Comment**		**Family**	IEC
Version	1.0	**User-defined ID**	IEC_TMR				

Name	Data type	Start 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
▼ Static									
PT	Time	T#10MS	False	True	True	True	False		
ET	Time	T#0ms	False	True	False	True	False		
IN	Bool	false	False	True	True	True	False		
Q	Bool	false	False	True	False	True	False		