

2026-03-17 X30 Compressor Bench / Compressor Bench PLC [CPU 1214C DC/DC/DC] / Program blocks

Acknowledge_PB [FB2]

Acknowledge_PB Properties

General

Name	Acknowledge_PB	Number	2	Type	FB	Language	LAD
Numbering	automatic						

Information

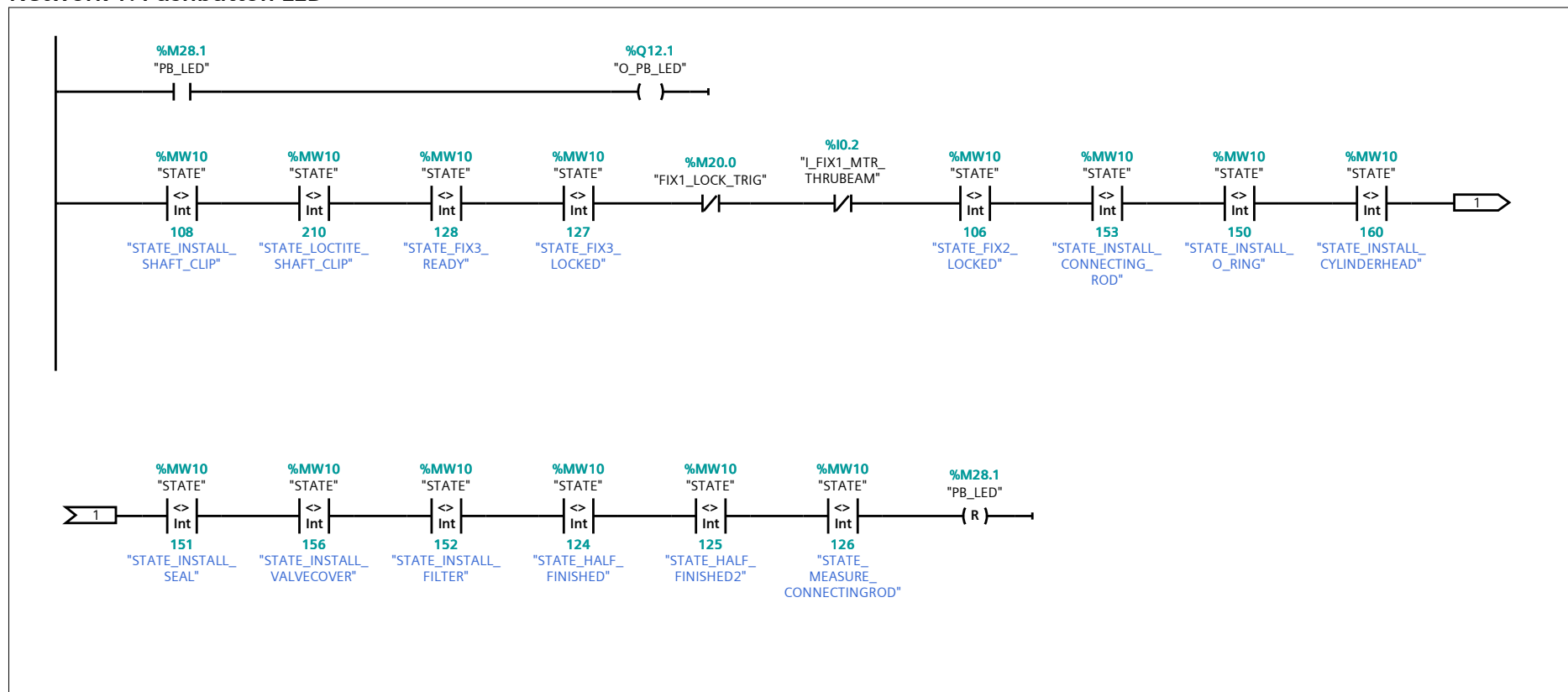
Title		Author		Comment		Family	
Version	0.1	User-defined ID					

Acknowledge_PB

Name	Data type	Default value	Retain	Accessible from HMI	Visible in HMI	Setpoint	Comment
Input							
Output							
InOut							
Static							
Temp							
Constant							

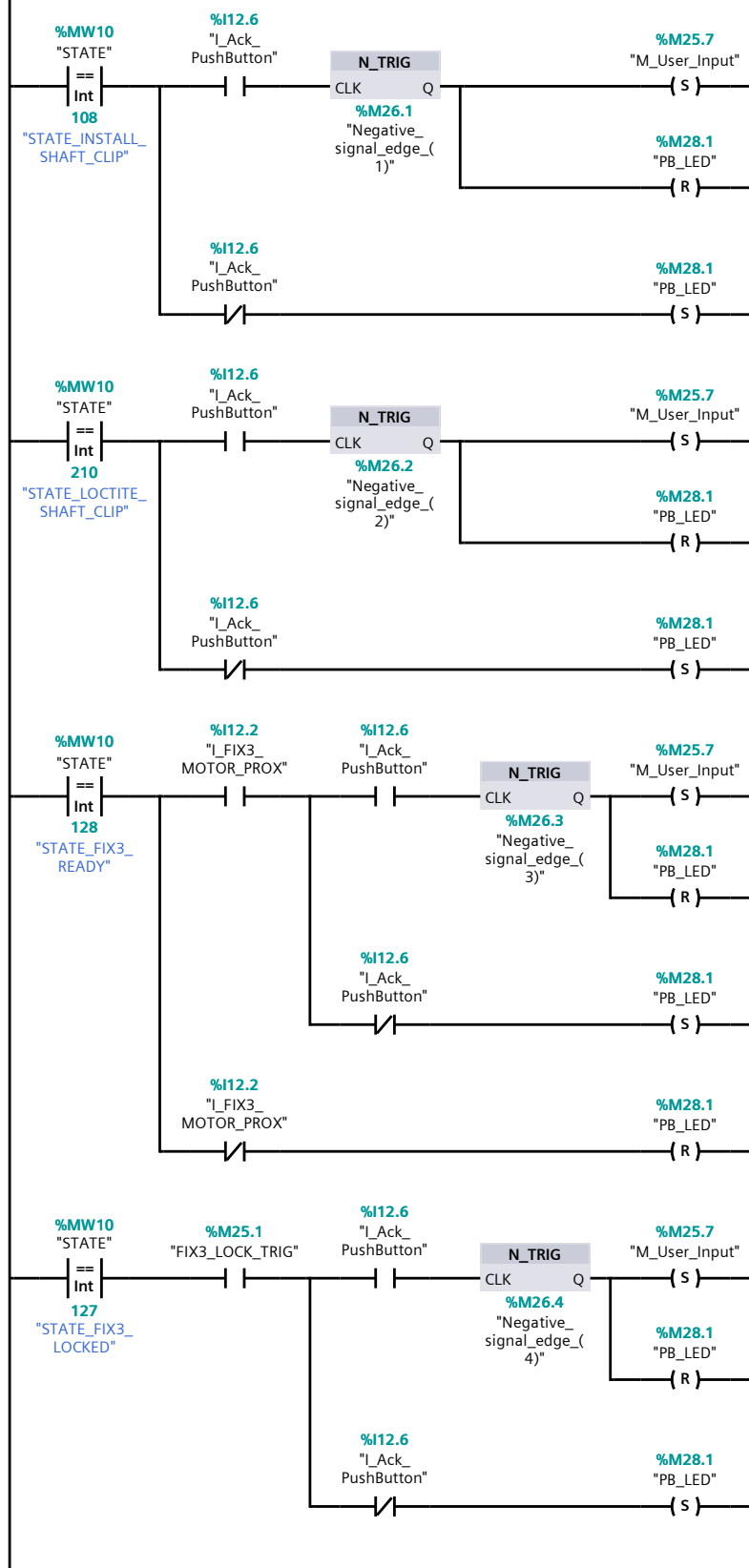
Network 1: Pushbutton LED

Network 1: Pushbutton LED



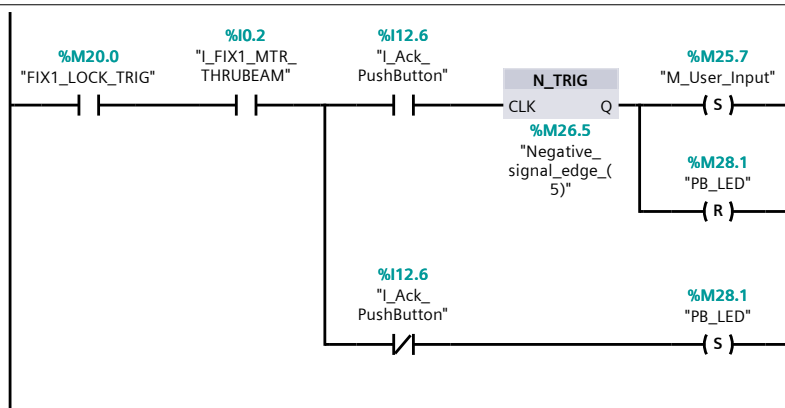
Symbol	Address	Type	Comment
"FIX1_LOCK_TRIG"	%M20.0	Bool	
"I_FIX1_MTR_THRUBEAM"	%I0.2	Bool	
"O_PB_LED"	%Q12.1	Bool	
"PB_LED"	%M28.1	Bool	
"STATE"	%MW10	Int	Current State
"STATE_FIX2_LOCKED"	106	Int	
"STATE_FIX3_LOCKED"	127	Int	
"STATE_FIX3_READY"	128	Int	
"STATE_HALF_FINISHED2"	125	Int	
"STATE_HALF_FINISHED"	124	Int	
"STATE_INSTALL_CONNECTING_ROD"	153	Int	
"STATE_INSTALL_CYLINDERHEAD"	160	Int	
"STATE_INSTALL_FILTER"	152	Int	
"STATE_INSTALL_O_RING"	150	Int	
"STATE_INSTALL_SEAL"	151	Int	
"STATE_INSTALL_SHAFT_CLIP"	108	Int	
"STATE_INSTALL_VALVECOVER"	156	Int	
"STATE_LOCTITE_SHAFT_CLIP"	210	Int	
"STATE_MEASURE_CONNECTINGROD"	126	Int	

Network 2: network 3



Symbol	Address	Type	Comment
"FIX3_LOCK_TRIG"	%M25.1	Bool	
"I_Ack_PushButton"	%I12.6	Bool	
"I_FIX3_MOTOR_PROX"	%I12.2	Bool	
"M_User_Input"	%M25.7	Bool	
"Negative_signal_edge_(1)"	%M26.1	Bool	
"Negative_signal_edge_(2)"	%M26.2	Bool	
"Negative_signal_edge_(3)"	%M26.3	Bool	
"Negative_signal_edge_(4)"	%M26.4	Bool	
"PB_LED"	%M28.1	Bool	
"STATE"	%MW10	Int	Current State
"STATE_FIX3_LOCKED"	127	Int	
"STATE_FIX3_READY"	128	Int	
"STATE_INSTALL_SHAFT_CLIP"	108	Int	
"STATE_LOCTITE_SHAFT_CLIP"	210	Int	

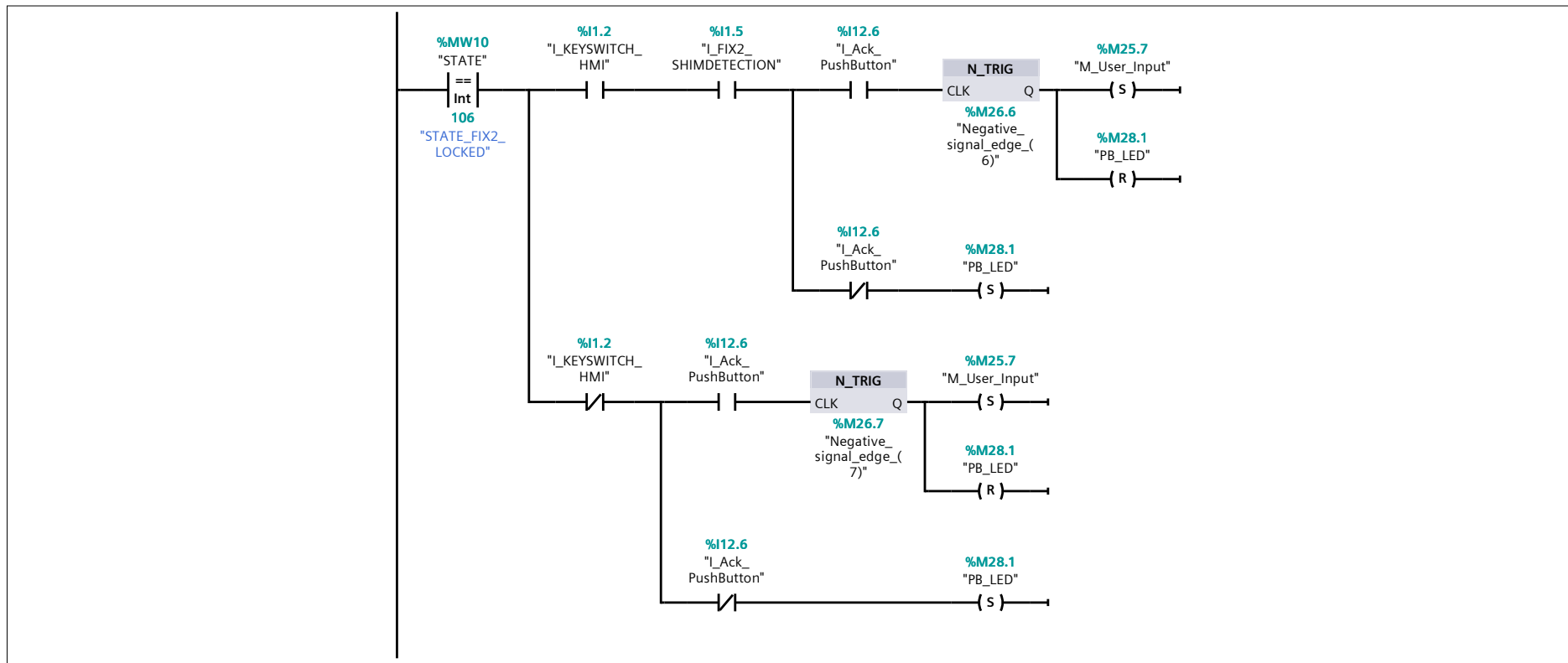
Network 3: Network 4



Symbol	Address	Type	Comment
"FIX1_LOCK_TRIG"	%M20.0	Bool	
"I_Ack_PushButton"	%I12.6	Bool	
"I_FIX1_MTR_THRUBEAM"	%I0.2	Bool	
"M_User_Input"	%M25.7	Bool	

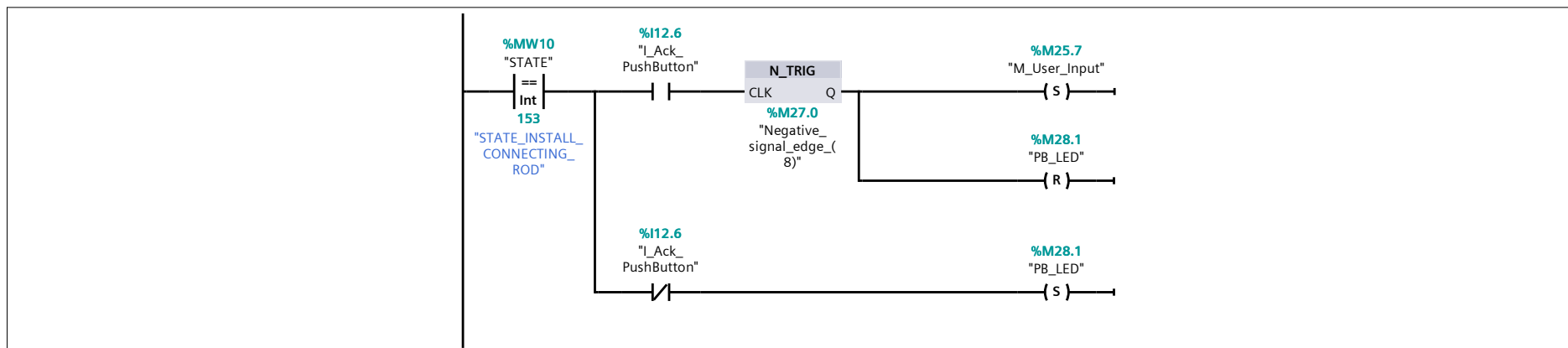
Symbol	Address	Type	Comment
"Negative_signal_edge_(5)"	%M26.5	Bool	
"PB_LED"	%M28.1	Bool	

Network 4: Network 6



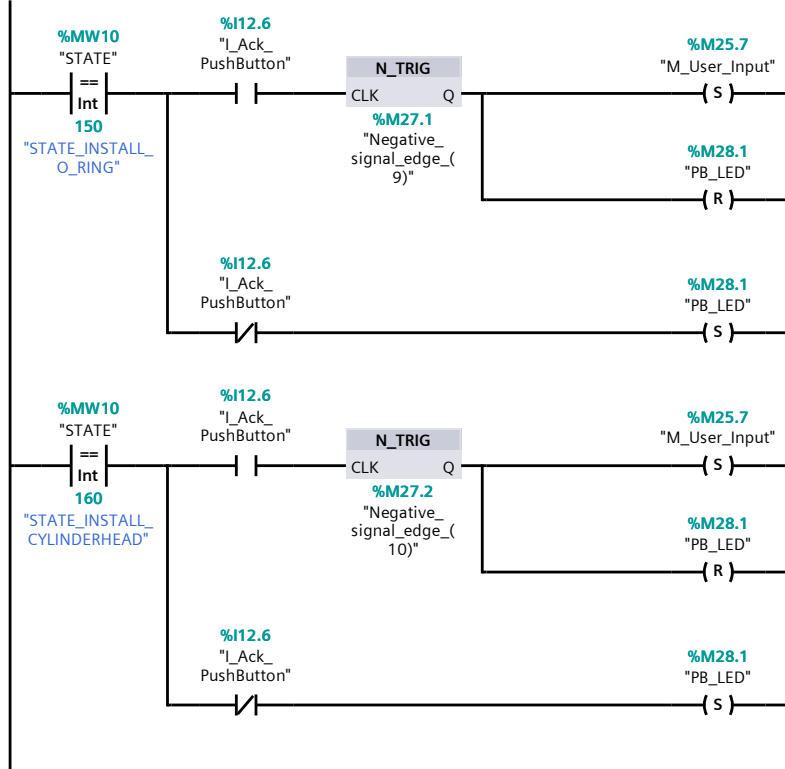
Symbol	Address	Type	Comment
"I_Ack_PushButton"	%I12.6	Bool	
"I_FIX2_SHIMDETECTION"	%I1.5	Bool	Use of Connecting Rod Positioning Shim, inductive
"I_KEYSWITCH_HMI"	%I1.2	Bool	HMI selction keyswitch for pre and post CMM.
"M_User_Input"	%M25.7	Bool	
"Negative_signal_edge_(6)"	%M26.6	Bool	
"Negative_signal_edge_(7)"	%M26.7	Bool	
"PB_LED"	%M28.1	Bool	
"STATE"	%MW10	Int	Current State
"STATE_FIX2_LOCKED"	106	Int	

Network 5: Network 7



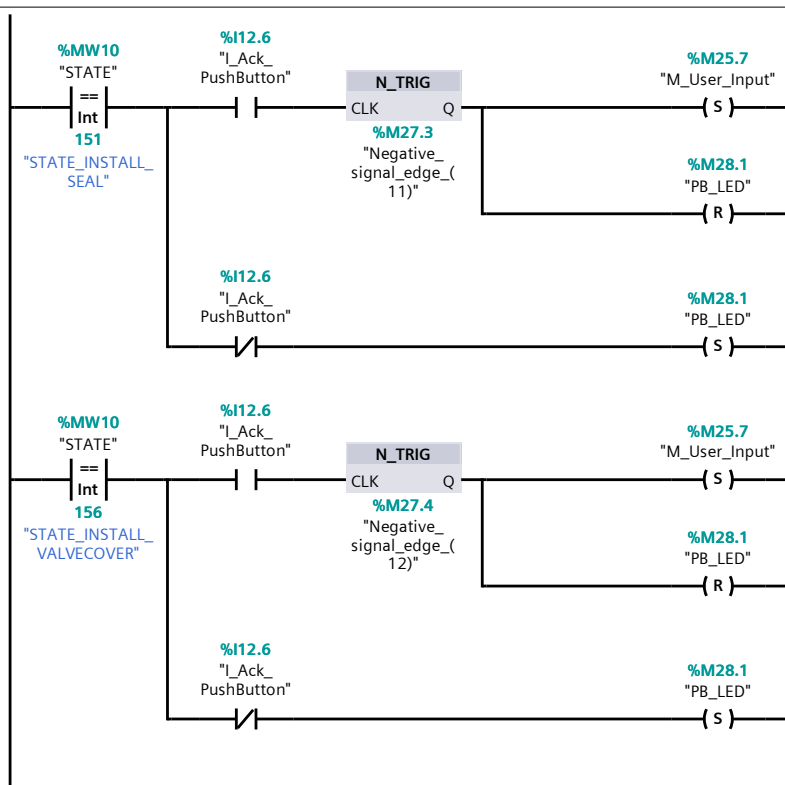
Symbol	Address	Type	Comment
"I_Ack_PushButton"	%I12.6	Bool	
"M_User_Input"	%M25.7	Bool	
"Negative_signal_edge_(8)"	%M27.0	Bool	
"PB_LED"	%M28.1	Bool	
"STATE"	%MW10	Int	Current State
"STATE_INSTALL_CONNECTING_ROD"	153	Int	

Network 6: Network 9



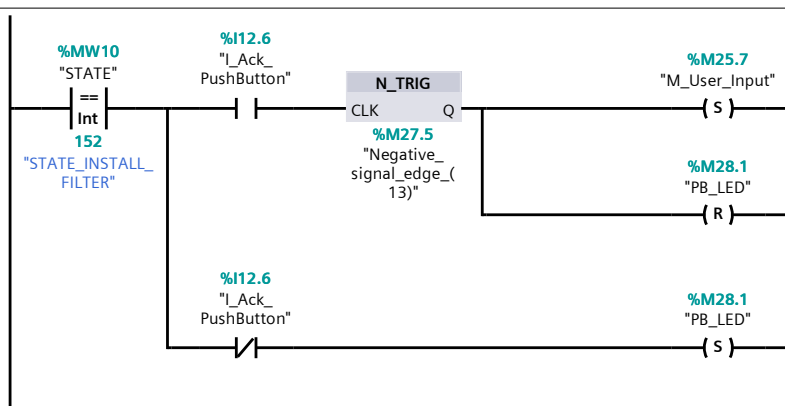
Symbol	Address	Type	Comment
"I_Ack_PushButton"	%I12.6	Bool	
"M_User_Input"	%M25.7	Bool	
"Negative_signal_edge_(9)"	%M27.1	Bool	
"Negative_signal_edge_(10)"	%M27.2	Bool	
"PB_LED"	%M28.1	Bool	
"STATE"	%MW10	Int	Current State
"STATE_INSTALL_CYLINDERHEAD"	160	Int	
"STATE_INSTALL_O_RING"	150	Int	

Network 7: Network 10



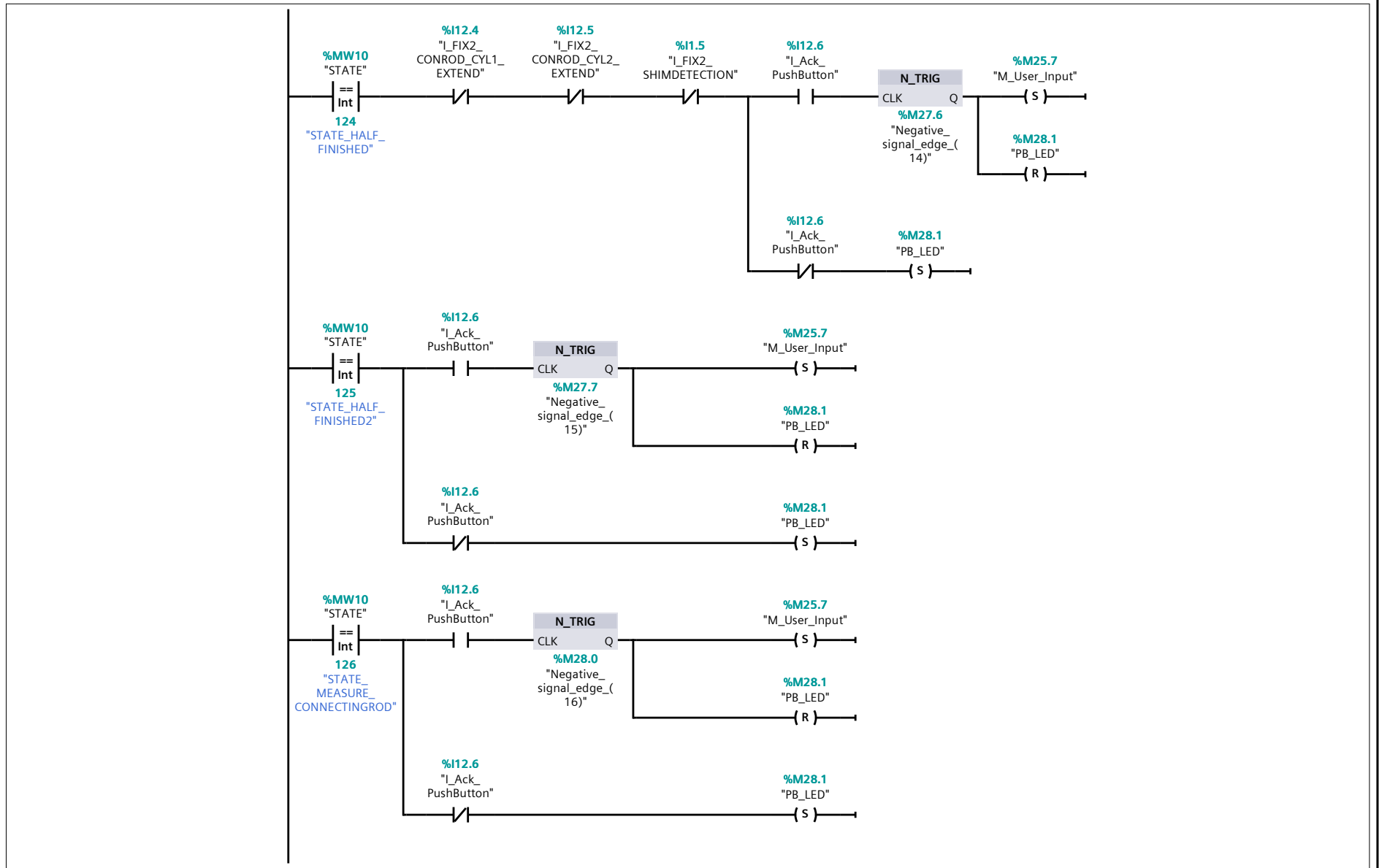
Symbol	Address	Type	Comment
"I_Ack_PushButton"	%I12.6	Bool	
"M_User_Input"	%M25.7	Bool	
"Negative_signal_edge_(11)"	%M27.3	Bool	
"Negative_signal_edge_(12)"	%M27.4	Bool	
"PB_LED"	%M28.1	Bool	
"STATE"	%MW10	Int	Current State
"STATE_INSTALL_SEAL"	151	Int	
"STATE_INSTALL_VALVECOVER"	156	Int	

Network 8: Network 13



Symbol	Address	Type	Comment
"I_Ack_PushButton"	%I12.6	Bool	
"M_User_Input"	%M25.7	Bool	
"Negative_signal_edge_(13)"	%M27.5	Bool	
"PB_LED"	%M28.1	Bool	
"STATE"	%MW10	Int	Current State
"STATE_INSTALL_FILTER"	152	Int	

Network 9: Network 15



Symbol	Address	Type	Comment
"I_Ack_PushButton"	%I12.6	Bool	
"I_FIX2_CONROD_CYL1_EXTEND"	%I12.4	Bool	Detect Use of Connecting Rod Clamp
"I_FIX2_CONROD_CYL2_EXTEND"	%I12.5	Bool	Detect Use of Connecting Rod Clamp
"I_FIX2_SHIMDETECTION"	%I1.5	Bool	Use of Connecting Rod Positioning Shim, inductive
"M_User_Input"	%M25.7	Bool	
"Negative_signal_edge_(14)"	%M27.6	Bool	
"Negative_signal_edge_(15)"	%M27.7	Bool	
"Negative_signal_edge_(16)"	%M28.0	Bool	
"PB_LED"	%M28.1	Bool	
"STATE"	%MW10	Int	Current State
"STATE_HALF_FINISHED2"	125	Int	
"STATE_HALF_FINISHED"	124	Int	
"STATE_MEASURE_CONNECTINGROD"	126	Int	