

Name	Value	Data Type	Scope
BAND_01		FBD_BOOLEAN_AND	MainProgram
Constant	No		
External Access:	Read/Write		
BAND_01.EnableIn	1	BOOL	
BAND_01.In1	0	BOOL	
BAND_01.In2	0	BOOL	
BAND_01.In3	1	BOOL	
BAND_01.In4	1	BOOL	
BAND_01.In5	1	BOOL	
BAND_01.In6	1	BOOL	
BAND_01.In7	1	BOOL	
BAND_01.In8	1	BOOL	
BAND_01.EnableOut	1	BOOL	
BAND_01.Out	0	BOOL	
BAND_02		FBD_BOOLEAN_AND	MainProgram
Constant	No		
External Access:	Read/Write		
BAND_02.EnableIn	1	BOOL	
BAND_02.In1	0	BOOL	
BAND_02.In2	1	BOOL	
BAND_02.In3	1	BOOL	
BAND_02.In4	1	BOOL	
BAND_02.In5	1	BOOL	
BAND_02.In6	1	BOOL	
BAND_02.In7	1	BOOL	
BAND_02.In8	1	BOOL	
BAND_02.EnableOut	1	BOOL	
BAND_02.Out	0	BOOL	
BIT	4	DINT	MainProgram
Constant	No		
External Access:	Read/Write		
BIT.0	0	BOOL	
Station Ready Bit			
BIT.1	0	BOOL	
Robot Running			
BIT.2	1	BOOL	
E-Stop Bit			
BIT.3	0	BOOL	
Part Ready (Entering Station)			
BIT.4	0	BOOL	
Reset Bit			
BNOT_01		FBD_BOOLEAN_NOT	MainProgram
Constant	No		
External Access:	Read/Write		
BNOT_01.EnableIn	1	BOOL	
BNOT_01.In	0	BOOL	
BNOT_01.EnableOut	1	BOOL	
BNOT_01.Out	1	BOOL	
BOR_01		FBD_BOOLEAN_OR	MainProgram
Constant	No		
External Access:	Read/Write		
BOR_01.EnableIn	1	BOOL	
BOR_01.In1	0	BOOL	
BOR_01.In2	0	BOOL	
BOR_01.In3	0	BOOL	
BOR_01.In4	0	BOOL	
BOR_01.In5	0	BOOL	
BOR_01.In6	0	BOOL	
BOR_01.In7	0	BOOL	
BOR_01.In8	0	BOOL	
BOR_01.EnableOut	1	BOOL	
BOR_01.Out	0	BOOL	
CCI01	32768	DINT	MainProgram

CCI01 (Continued)			
Constant	No		
External Access:	Read/Write		
CCI01.0	0	BOOL	
Start pushbutton			
CCI01.1	0	BOOL	
Stop pushbutton (normally closed)			
CCI01.2	0	BOOL	
Auto/Manual Switch			
CCI01.3	0	BOOL	
Reset pushbutton			
CCI01.4	0	BOOL	
Next Station Working (I6) Right			
CCI01.5	0	BOOL	
(I7) Right			
CCO01	0	DINT	MainProgram
Constant	No		
External Access:	Read/Write		
CCO01.0	0	BOOL	
Indicator light Start on			
CCO01.1	0	BOOL	
Indicator light (Reset)			
CCO01.2	0	BOOL	
Station in Use (Q4) Left			
CCO01.3	0	BOOL	
Station in Use (Q5) Left			
CCO01.4	0	BOOL	
(Q6) Right			
CCO01.5	0	BOOL	
(Q7) Right			
LIGHT_OFF_5S		FBD_TIMER	MainProgram
Constant	No		
External Access:	Read/Write		
LIGHT_OFF_5S.EnableIn	1	BOOL	
LIGHT_OFF_5S.TimerEnable	0	BOOL	
LIGHT_OFF_5S.PRE	0	DINT	
LIGHT_OFF_5S.Reset	0	BOOL	
LIGHT_OFF_5S.EnableOut	0	BOOL	
LIGHT_OFF_5S.ACC	0	DINT	
LIGHT_OFF_5S.EN	0	BOOL	
LIGHT_OFF_5S.TT	0	BOOL	
LIGHT_OFF_5S.DN	0	BOOL	
LIGHT_OFF_5S.Status	16#0000_0000	DINT	
LIGHT_OFF_5S.InstructFault	0	BOOL	
LIGHT_OFF_5S.PresetInv	0	BOOL	
ONS	2	DINT	MainProgram
Constant	No		
External Access:	Read/Write		
ONS.0	0	BOOL	
Part Detect			
ONS.1	1	BOOL	
Reset First Time ON			
ONS.2	0	BOOL	
Cap Cylinder Extend			
ONS.3	0	BOOL	
Cap Present			
RI01	32806	DINT	MainProgram
Constant	No		
External Access:	Read/Write		
RI01.0	0	BOOL	
Start PB - I3			
RI01.1	1	BOOL	
Stop PB - I4			
RI01.2	1	BOOL	

RI01 (Continued)			
0 = Auto /1 = Manual (SS Auto/Manual)			
RI01.3	0	BOOL	
Reset PB - I2			
RI01.4	0	BOOL	
Puck Enter Station			
RI01.5	1	BOOL	
Cap Cylinder Retracted			
RI01.6	0	BOOL	
Cap Cylinder Extracted			
RI01.7	0	BOOL	
Cap Present			
RI01.8	0	BOOL	
Nex Station Working			
RO01	0	DINT	MainProgram
Constant			
External Access:			
Read/Write			
RO01.0	0	BOOL	
Control console – Start (LED)			
RO01.1	0	BOOL	
Control console – Reset (LED)			
RO01.2	0	BOOL	
Extract Cylinder Cap Magazine			
RO01.3	0	BOOL	
Robot Station Working (Q4) - Left Panel			
RO01.4	0	BOOL	
Ind Light Station Working Q1			
TIMER_CAP		TIMER	MainProgram
Timer to Release Cap			
Constant			
No			
External Access:			
Read/Write			
TIMER_CAP.PRE	2000	DINT	
TIMER_CAP.ACC	0	DINT	
TIMER_CAP.EN	0	BOOL	
TIMER_CAP.TT	0	BOOL	
TIMER_CAP.DN	0	BOOL	
TONR_01		FBD_TIMER	MainProgram
Constant			
No			
External Access:			
Read/Write			
TONR_01.EnableIn	1	BOOL	
TONR_01.TimerEnable	0	BOOL	
TONR_01.PRE	500	DINT	
TONR_01.Reset	0	BOOL	
TONR_01.EnableOut	1	BOOL	
TONR_01.ACC	0	DINT	
TONR_01.EN	0	BOOL	
TONR_01.TT	0	BOOL	
TONR_01.DN	0	BOOL	
TONR_01.Status	16#0000_0000	DINT	
TONR_01.InstructFault	0	BOOL	
TONR_01.PresetInv	0	BOOL	
TONR_02		FBD_TIMER	MainProgram
Constant			
No			
External Access:			
Read/Write			
TONR_02.EnableIn	1	BOOL	
TONR_02.TimerEnable	0	BOOL	
TONR_02.PRE	500	DINT	
TONR_02.Reset	0	BOOL	
TONR_02.EnableOut	1	BOOL	
TONR_02.ACC	0	DINT	
TONR_02.EN	0	BOOL	
TONR_02.TT	0	BOOL	
TONR_02.DN	0	BOOL	
TONR_02.Status	16#0000_0000	DINT	

TONR_02 (Continued)			
TONR_02.InstructFault	0	BOOL	
TONR_02.PresetInv	0	BOOL	
TONR_03		FBD_TIMER	MainProgram
Constant	No		
External Access:	Read/Write		
TONR_03.EnableIn	1	BOOL	
TONR_03.TimerEnable	1	BOOL	
TONR_03.PRE	500	DINT	
TONR_03.Reset	0	BOOL	
TONR_03.EnableOut	1	BOOL	
TONR_03.ACC	500	DINT	
TONR_03.EN	1	BOOL	
TONR_03.TT	0	BOOL	
TONR_03.DN	1	BOOL	
TONR_03.Status	16#0000_0000	DINT	
TONR_03.InstructFault	0	BOOL	
TONR_03.PresetInv	0	BOOL	
TONR_04		FBD_TIMER	MainProgram
Constant	No		
External Access:	Read/Write		
TONR_04.EnableIn	1	BOOL	
TONR_04.TimerEnable	1	BOOL	
TONR_04.PRE	500	DINT	
TONR_04.Reset	0	BOOL	
TONR_04.EnableOut	1	BOOL	
TONR_04.ACC	40	DINT	
TONR_04.EN	1	BOOL	
TONR_04.TT	1	BOOL	
TONR_04.DN	0	BOOL	
TONR_04.Status	16#0000_0000	DINT	
TONR_04.InstructFault	0	BOOL	
TONR_04.PresetInv	0	BOOL	
URI		UR_T2O_Assembly_Combined	MainProgram
Constant	No		
External Access:	Read/Write		
URI.Robot		UR_T2O_Robot	
URI.Robot.Controller_Major_Version			
	3	SINT	
URI.Robot.Controller_Minor_Version			
	5	SINT	
URI.Robot.Rsvd1			
	0	INT	
URI.Robot.Robot_Mode			
	7	SINT	
URI.Robot.Real_Time_Machine_sec			
	34	SINT	
URI.Robot.Real_Time_Machine_msec			
	152	INT	
URI.Robot.Real_Time_Machine_minutes			
	38	SINT	
URI.Robot.Real_Time_Machine_hours			
	1	SINT	
URI.Robot.Real_Time_Machine_days			
	0	INT	
URI.Robot.Robot_Current_mA			
	0.6803396	REAL	
URI.Robot.PW			
	1	BOOL	
URI.Robot.PR			
	1	BOOL	
URI.Robot.TB			
	0	BOOL	
URI.Robot.PB			
	0	BOOL	
URI.Robot.Speed_Slider_Fraction			
	0.29	REAL	
URI.Safety		UR_T2O_Safety	
URI.Safety.Safety_Mode			
	1	SINT	
URI.Safety.Rsvd1			
	0	SINT	
URI.Safety.Rsvd2			
	0	SINT	
URI.Safety.Rsvd3			
	0	SINT	

URI (Continued)		
URI.Safety.NO	1	BOOL
URI.Safety.RD	0	BOOL
URI.Safety.PS	0	BOOL
URI.Safety.RC	0	BOOL
URI.Safety.SS	0	BOOL
URI.Safety.SES	0	BOOL
URI.Safety.RES	0	BOOL
URI.Safety.ES	0	BOOL
URI.Safety.VL	0	BOOL
URI.Safety.FT	0	BOOL
URI.Safety.ST	0	BOOL
URI.IO		UR_T2O_IO
URI.IO.Standard_Digital_Inputs	0	SINT
URI.IO.Configurable_Digital_Inputs	0	SINT
URI.IO.Standard_Digital_Outputs	0	SINT
URI.IO.Configurable_Digital_Outputs	0	SINT
URI.IO.Analog_IO_Types	3	SINT
URI.IO.Rsvd1	0	SINT
URI.IO.Rsvd2	0	SINT
URI.IO.Rsvd3	0	SINT
URI.IO.Standard_Analog_Input_mA_or_V		REAL
URI.IO.Standard_Analog_Input_mA_or_V[0]	0.008056164	REAL
URI.IO.Standard_Analog_Input_mA_or_V[1]	0.004028082	REAL
URI.IO.Standard_Analog_Output_mA_or_V		REAL
URI.IO.Standard_Analog_Output_mA_or_V[0]	0.004	REAL
URI.IO.Standard_Analog_Output_mA_or_V[1]	0.004	REAL
URI.IO.IO_Current_mA	0.2153428	REAL
URI.IO.Euromap67_input_bits		BOOL
URI.IO.Euromap67_input_bits[0]	0	BOOL
URI.IO.Euromap67_input_bits[1]	0	BOOL
URI.IO.Euromap67_input_bits[2]	0	BOOL
URI.IO.Euromap67_input_bits[3]	0	BOOL
URI.IO.Euromap67_input_bits[4]	0	BOOL
URI.IO.Euromap67_input_bits[5]	0	BOOL
URI.IO.Euromap67_input_bits[6]	0	BOOL
URI.IO.Euromap67_input_bits[7]	0	BOOL
URI.IO.Euromap67_input_bits[8]	0	BOOL
URI.IO.Euromap67_input_bits[9]	0	BOOL
URI.IO.Euromap67_input_bits[10]	0	BOOL
URI.IO.Euromap67_input_bits[11]	0	BOOL
URI.IO.Euromap67_input_bits[12]	0	BOOL
URI.IO.Euromap67_input_bits[13]	0	BOOL
URI.IO.Euromap67_input_bits[14]	0	BOOL
URI.IO.Euromap67_input_bits[15]	0	BOOL
URI.IO.Euromap67_input_bits[16]	0	BOOL
URI.IO.Euromap67_input_bits[17]	0	BOOL
URI.IO.Euromap67_input_bits[18]	0	BOOL
URI.IO.Euromap67_input_bits[19]	0	BOOL
URI.IO.Euromap67_input_bits[20]	0	BOOL
URI.IO.Euromap67_input_bits[21]	0	BOOL
URI.IO.Euromap67_input_bits[22]	0	BOOL
URI.IO.Euromap67_input_bits[23]	0	BOOL
URI.IO.Euromap67_input_bits[24]	0	BOOL
URI.IO.Euromap67_input_bits[25]	0	BOOL
URI.IO.Euromap67_input_bits[26]	0	BOOL

URI (Continued)

URI.IO.Euromap67_input_bits[27]	0	BOOL
URI.IO.Euromap67_input_bits[28]	0	BOOL
URI.IO.Euromap67_input_bits[29]	0	BOOL
URI.IO.Euromap67_input_bits[30]	0	BOOL
URI.IO.Euromap67_input_bits[31]	0	BOOL
URI.IO.Euromap67_output_bits		BOOL
URI.IO.Euromap67_output_bits[0]	0	BOOL
URI.IO.Euromap67_output_bits[1]	0	BOOL
URI.IO.Euromap67_output_bits[2]	0	BOOL
URI.IO.Euromap67_output_bits[3]	0	BOOL
URI.IO.Euromap67_output_bits[4]	0	BOOL
URI.IO.Euromap67_output_bits[5]	0	BOOL
URI.IO.Euromap67_output_bits[6]	0	BOOL
URI.IO.Euromap67_output_bits[7]	0	BOOL
URI.IO.Euromap67_output_bits[8]	0	BOOL
URI.IO.Euromap67_output_bits[9]	0	BOOL
URI.IO.Euromap67_output_bits[10]	0	BOOL
URI.IO.Euromap67_output_bits[11]	0	BOOL
URI.IO.Euromap67_output_bits[12]	0	BOOL
URI.IO.Euromap67_output_bits[13]	0	BOOL
URI.IO.Euromap67_output_bits[14]	0	BOOL
URI.IO.Euromap67_output_bits[15]	0	BOOL
URI.IO.Euromap67_output_bits[16]	0	BOOL
URI.IO.Euromap67_output_bits[17]	0	BOOL
URI.IO.Euromap67_output_bits[18]	0	BOOL
URI.IO.Euromap67_output_bits[19]	0	BOOL
URI.IO.Euromap67_output_bits[20]	0	BOOL
URI.IO.Euromap67_output_bits[21]	0	BOOL
URI.IO.Euromap67_output_bits[22]	0	BOOL
URI.IO.Euromap67_output_bits[23]	0	BOOL
URI.IO.Euromap67_output_bits[24]	0	BOOL
URI.IO.Euromap67_output_bits[25]	0	BOOL
URI.IO.Euromap67_output_bits[26]	0	BOOL
URI.IO.Euromap67_output_bits[27]	0	BOOL
URI.IO.Euromap67_output_bits[28]	0	BOOL
URI.IO.Euromap67_output_bits[29]	0	BOOL
URI.IO.Euromap67_output_bits[30]	0	BOOL
URI.IO.Euromap67_output_bits[31]	0	BOOL
URI.IO.Euromap67_24V_voltage_V	0.0	REAL
URI.IO.Euromap67_current_mA	0.0	REAL

URI (Continued)		
URI.Tool		UR_T2O_Tool
URI.Tool.Mode	-3	SINT
URI.Tool.Rsvd1	0	SINT
URI.Tool.Rsvd2	0	SINT
URI.Tool.Rsvd3	0	SINT
URI.Tool.TDI	0	SINT
URI.Tool.TDO	0	SINT
URI.Tool.TAIT	3	SINT
URI.Tool.Rsvd4	0	SINT
URI.Tool.Analog_Input_mA_or_V		REAL
URI.Tool.Analog_Input_mA_or_V[0]	0.036108334	REAL
URI.Tool.Analog_Input_mA_or_V[1]	0.035485774	REAL
URI.Tool.Output_Voltage_V	24.0	REAL
URI.Tool.Current_mA	0.003	REAL
URI.Joints		UR_T2O_Joints
URI.Joints.Position_rad		REAL
URI.Joints.Position_rad[0]	-0.8390334	REAL
URI.Joints.Position_rad[1]	-1.3762697	REAL
URI.Joints.Position_rad[2]	-2.1509993	REAL
URI.Joints.Position_rad[3]	1.9211622	REAL
URI.Joints.Position_rad[4]	-1.5686744	REAL
URI.Joints.Position_rad[5]	-2.415129	REAL
URI.Joints.Velocity_rad_per_sec		REAL
URI.Joints.Velocity_rad_per_sec[0]	0.0	REAL
URI.Joints.Velocity_rad_per_sec[1]	0.0	REAL
URI.Joints.Velocity_rad_per_sec[2]	0.0	REAL
URI.Joints.Velocity_rad_per_sec[3]	0.0	REAL
URI.Joints.Velocity_rad_per_sec[4]	0.0	REAL
URI.Joints.Velocity_rad_per_sec[5]	0.0	REAL
URI.Joints.Current_mA		REAL
URI.Joints.Current_mA[0]	-0.23090649	REAL
URI.Joints.Current_mA[1]	0.7465229	REAL
URI.Joints.Current_mA[2]	1.100729	REAL
URI.Joints.Current_mA[3]	-0.13115354	REAL
URI.Joints.Current_mA[4]	-0.17995486	REAL
URI.Joints.Current_mA[5]	0.13115354	REAL
URI.Joints.Temperature_C		REAL
URI.Joints.Temperature_C[0]	29.939991	REAL
URI.Joints.Temperature_C[1]	30.329992	REAL
URI.Joints.Temperature_C[2]	29.059992	REAL
URI.Joints.Temperature_C[3]	35.969982	REAL
URI.Joints.Temperature_C[4]	35.69998	REAL
URI.Joints.Temperature_C[5]	37.619984	REAL
URI.Joints.Mode		SINT
URI.Joints.Mode[0]	-3	SINT
URI.Joints.Mode[1]	-3	SINT
URI.Joints.Mode[2]	-3	SINT
URI.Joints.Mode[3]	-3	SINT
URI.Joints.Mode[4]	-3	SINT
URI.Joints.Mode[5]	-3	SINT
URI.TCP		UR_T2O_TCP
URI.TCP.Position_m		UR_Coordinate
URI.TCP.Position_m.X	-0.06674965	REAL
URI.TCP.Position_m.Y	-0.113087155	REAL
URI.TCP.Position_m.Z	0.10058678	REAL

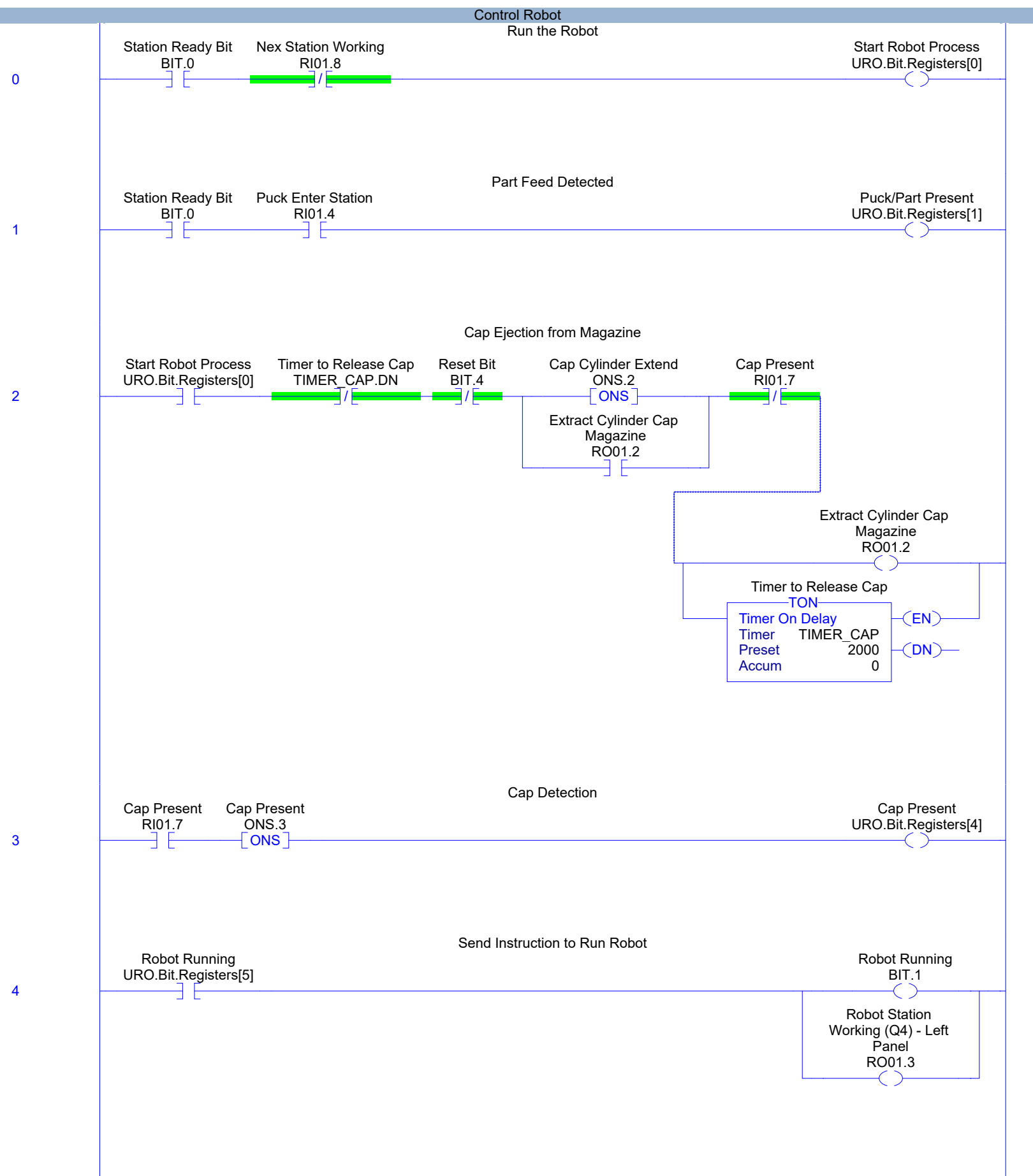
URI (Continued)		
URI.TCP.Position_R		UR_Coordinate
URI.TCP.Position_R.X	0.012778099	REAL
URI.TCP.Position_R.Y	-3.111728	REAL
URI.TCP.Position_R.Z	-0.03423445	REAL
URI.TCP.Velocity_m_per_s		UR_Coordinate
URI.TCP.Velocity_m_per_s.X	0.0	REAL
URI.TCP.Velocity_m_per_s.Y	0.0	REAL
URI.TCP.Velocity_m_per_s.Z	0.0	REAL
URI.TCP.Velocity_R		UR_Coordinate
URI.TCP.Velocity_R.X	0.0	REAL
URI.TCP.Velocity_R.Y	0.0	REAL
URI.TCP.Velocity_R.Z	0.0	REAL
URI.TCP.Force_N		UR_Coordinate
URI.TCP.Force_N.X	8.939497	REAL
URI.TCP.Force_N.Y	-4.2990065	REAL
URI.TCP.Force_N.Z	9.962915	REAL
URI.TCP.Force_Scalar_N	0.60129786	REAL
URI.TCP.Torque_Nm		UR_Coordinate
URI.TCP.Torque_Nm.X	4.124037	REAL
URI.TCP.Torque_Nm.Y	1.6994612	REAL
URI.TCP.Torque_Nm.Z	14.0590105	REAL
URI.Bit		UR_BitRegisters
URI.Bit.Registers		BOOL
URI.Bit.Registers[0]	0	BOOL
URI.Bit.Registers[1]	0	BOOL
URI.Bit.Registers[2]	0	BOOL
Q4 Ouput		
URI.Bit.Registers[3]	0	BOOL
URI.Bit.Registers[4]	0	BOOL
URI.Bit.Registers[5]	0	BOOL
URI.Bit.Registers[6]	0	BOOL
URI.Bit.Registers[7]	0	BOOL
URI.Bit.Registers[8]	0	BOOL
URI.Bit.Registers[9]	0	BOOL
URI.Bit.Registers[10]	0	BOOL
URI.Bit.Registers[11]	0	BOOL
URI.Bit.Registers[12]	0	BOOL
URI.Bit.Registers[13]	0	BOOL
URI.Bit.Registers[14]	0	BOOL
URI.Bit.Registers[15]	0	BOOL
URI.Bit.Registers[16]	0	BOOL
URI.Bit.Registers[17]	0	BOOL
URI.Bit.Registers[18]	0	BOOL
URI.Bit.Registers[19]	0	BOOL
URI.Bit.Registers[20]	0	BOOL
URI.Bit.Registers[21]	0	BOOL
URI.Bit.Registers[22]	0	BOOL
URI.Bit.Registers[23]	0	BOOL
URI.Bit.Registers[24]	0	BOOL
URI.Bit.Registers[25]	0	BOOL
URI.Bit.Registers[26]	0	BOOL
URI.Bit.Registers[27]	0	BOOL
URI.Bit.Registers[28]	0	BOOL
URI.Bit.Registers[29]	0	BOOL
URI.Bit.Registers[30]	0	BOOL
URI.Bit.Registers[31]	0	BOOL
URI.Bit.Registers[32]	0	BOOL
URI.Bit.Registers[33]	0	BOOL
URI.Bit.Registers[34]	0	BOOL
URI.Bit.Registers[35]	0	BOOL
URI.Bit.Registers[36]	0	BOOL
URI.Bit.Registers[37]	0	BOOL
URI.Bit.Registers[38]	0	BOOL

URI (Continued)		
URI.Bit.Registers[39]	0	BOOL
URI.Bit.Registers[40]	0	BOOL
URI.Bit.Registers[41]	0	BOOL
URI.Bit.Registers[42]	0	BOOL
URI.Bit.Registers[43]	0	BOOL
URI.Bit.Registers[44]	0	BOOL
URI.Bit.Registers[45]	0	BOOL
URI.Bit.Registers[46]	0	BOOL
URI.Bit.Registers[47]	0	BOOL
URI.Bit.Registers[48]	0	BOOL
URI.Bit.Registers[49]	0	BOOL
URI.Bit.Registers[50]	0	BOOL
URI.Bit.Registers[51]	0	BOOL
URI.Bit.Registers[52]	0	BOOL
URI.Bit.Registers[53]	0	BOOL
URI.Bit.Registers[54]	0	BOOL
URI.Bit.Registers[55]	0	BOOL
URI.Bit.Registers[56]	0	BOOL
URI.Bit.Registers[57]	0	BOOL
URI.Bit.Registers[58]	0	BOOL
URI.Bit.Registers[59]	0	BOOL
URI.Bit.Registers[60]	0	BOOL
URI.Bit.Registers[61]	0	BOOL
URI.Bit.Registers[62]	0	BOOL
URI.Bit.Registers[63]	0	BOOL
URI.Int		UR_IntRegisters
URI.Int.Registers		
		DINT
URI.Int.Registers[0]	0	DINT
URI.Int.Registers[1]	0	DINT
URI.Int.Registers[2]	0	DINT
URI.Int.Registers[3]	0	DINT
URI.Int.Registers[4]	0	DINT
URI.Int.Registers[5]	0	DINT
URI.Int.Registers[6]	0	DINT
URI.Int.Registers[7]	0	DINT
URI.Int.Registers[8]	0	DINT
URI.Int.Registers[9]	0	DINT
URI.Int.Registers[10]	0	DINT
URI.Int.Registers[11]	0	DINT
URI.Int.Registers[12]	0	DINT
URI.Int.Registers[13]	0	DINT
URI.Int.Registers[14]	0	DINT
URI.Int.Registers[15]	0	DINT
URI.Int.Registers[16]	0	DINT
URI.Int.Registers[17]	0	DINT
URI.Int.Registers[18]	0	DINT
URI.Int.Registers[19]	0	DINT
URI.Int.Registers[20]	0	DINT
URI.Int.Registers[21]	0	DINT
URI.Int.Registers[22]	0	DINT
URI.Int.Registers[23]	0	DINT
URI.Float		UR_FloatRegisters
URI.Float.Registers		
		REAL
URI.Float.Registers[0]	0.0	REAL
URI.Float.Registers[1]	0.0	REAL
URI.Float.Registers[2]	0.0	REAL
URI.Float.Registers[3]	0.0	REAL
URI.Float.Registers[4]	0.0	REAL
URI.Float.Registers[5]	0.0	REAL
URI.Float.Registers[6]	0.0	REAL
URI.Float.Registers[7]	0.0	REAL
URI.Float.Registers[8]	0.0	REAL
URI.Float.Registers[9]	0.0	REAL

URI (Continued)			
URI.Float.Registers[10]	0.0	REAL	
URI.Float.Registers[11]	0.0	REAL	
URI.Float.Registers[12]	0.0	REAL	
URI.Float.Registers[13]	0.0	REAL	
URI.Float.Registers[14]	0.0	REAL	
URI.Float.Registers[15]	0.0	REAL	
URI.Float.Registers[16]	0.0	REAL	
URI.Float.Registers[17]	0.0	REAL	
URI.Float.Registers[18]	0.0	REAL	
URI.Float.Registers[19]	0.0	REAL	
URI.Float.Registers[20]	0.0	REAL	
URI.Float.Registers[21]	0.0	REAL	
URI.Float.Registers[22]	0.0	REAL	
URI.Float.Registers[23]	0.0	REAL	
URO		UR_O2T_Assembly_Combined	MainProgram
Constant	No		
External Access:	Read/Write		
URO.Robot		UR_O2T_Robot	
URO.Robot.Speed_Slider_Mask	0	BOOL	
URO.Robot.Speed_Slider_Fraction	0.0	REAL	
URO.Outputs		UR_O2T_Outputs	
URO.Outputs.Standard_Digital_Output_Mask			
0		SINT	
URO.Outputs.Configurable_Digital_Output_Mask			
0		SINT	
URO.Outputs.Standard_Digital_Outputs			
0		SINT	
URO.Outputs.Configurable_Digital_Outputs			
0		SINT	
URO.Outputs.Analog_Output_Mask			
0		SINT	
URO.Outputs.Analog_Output_Type			
0		SINT	
URO.Outputs.Tool_Digital_Output_Mask			
0		SINT	
URO.Outputs.Tool_Digital_Output	0	SINT	
URO.Outputs.Standard_Analog_Output			
		REAL	
URO.Outputs.Standard_Analog_Output[0]			
0.0		REAL	
URO.Outputs.Standard_Analog_Output[1]			
0.0		REAL	
URO.Bit		UR_BitRegisters	
URO.Bit.Registers		BOOL	
URO.Bit.Registers[0]	0	BOOL	
Start Robot Process			
URO.Bit.Registers[1]	0	BOOL	
Puck/Part Present			
URO.Bit.Registers[2]	0	BOOL	
Reset Move Home			
URO.Bit.Registers[3]	1	BOOL	
E-stop Activated			
URO.Bit.Registers[4]	0	BOOL	
Cap Present			
URO.Bit.Registers[5]	0	BOOL	
Robot Running			
URO.Bit.Registers[6]	0	BOOL	
URO.Bit.Registers[7]	0	BOOL	
URO.Bit.Registers[8]	0	BOOL	
URO.Bit.Registers[9]	0	BOOL	
URO.Bit.Registers[10]	0	BOOL	
URO.Bit.Registers[11]	0	BOOL	
URO.Bit.Registers[12]	0	BOOL	

URO (Continued)		
URO.Bit.Registers[13]	0	BOOL
URO.Bit.Registers[14]	0	BOOL
URO.Bit.Registers[15]	0	BOOL
URO.Bit.Registers[16]	0	BOOL
URO.Bit.Registers[17]	0	BOOL
URO.Bit.Registers[18]	0	BOOL
URO.Bit.Registers[19]	0	BOOL
URO.Bit.Registers[20]	0	BOOL
URO.Bit.Registers[21]	0	BOOL
URO.Bit.Registers[22]	0	BOOL
URO.Bit.Registers[23]	0	BOOL
URO.Bit.Registers[24]	0	BOOL
URO.Bit.Registers[25]	0	BOOL
URO.Bit.Registers[26]	0	BOOL
URO.Bit.Registers[27]	0	BOOL
URO.Bit.Registers[28]	0	BOOL
URO.Bit.Registers[29]	0	BOOL
URO.Bit.Registers[30]	0	BOOL
URO.Bit.Registers[31]	0	BOOL
URO.Bit.Registers[32]	0	BOOL
URO.Bit.Registers[33]	0	BOOL
URO.Bit.Registers[34]	0	BOOL
URO.Bit.Registers[35]	0	BOOL
URO.Bit.Registers[36]	0	BOOL
URO.Bit.Registers[37]	0	BOOL
URO.Bit.Registers[38]	0	BOOL
URO.Bit.Registers[39]	0	BOOL
URO.Bit.Registers[40]	0	BOOL
URO.Bit.Registers[41]	0	BOOL
URO.Bit.Registers[42]	0	BOOL
URO.Bit.Registers[43]	0	BOOL
URO.Bit.Registers[44]	0	BOOL
URO.Bit.Registers[45]	0	BOOL
URO.Bit.Registers[46]	0	BOOL
URO.Bit.Registers[47]	0	BOOL
URO.Bit.Registers[48]	0	BOOL
URO.Bit.Registers[49]	0	BOOL
URO.Bit.Registers[50]	0	BOOL
URO.Bit.Registers[51]	0	BOOL
URO.Bit.Registers[52]	0	BOOL
URO.Bit.Registers[53]	0	BOOL
URO.Bit.Registers[54]	0	BOOL
URO.Bit.Registers[55]	0	BOOL
URO.Bit.Registers[56]	0	BOOL
URO.Bit.Registers[57]	0	BOOL
URO.Bit.Registers[58]	0	BOOL
URO.Bit.Registers[59]	0	BOOL
URO.Bit.Registers[60]	0	BOOL
URO.Bit.Registers[61]	0	BOOL
URO.Bit.Registers[62]	0	BOOL
URO.Bit.Registers[63]	0	BOOL
URO.Int		UR_IntRegisters
URO.Int.Registers		DINT
URO.Int.Registers[0]	0	DINT
URO.Int.Registers[1]	0	DINT
URO.Int.Registers[2]	0	DINT
URO.Int.Registers[3]	0	DINT
URO.Int.Registers[4]	0	DINT
URO.Int.Registers[5]	0	DINT
URO.Int.Registers[6]	0	DINT
URO.Int.Registers[7]	0	DINT
URO.Int.Registers[8]	0	DINT
URO.Int.Registers[9]	0	DINT

URO (Continued)		
URO.Int.Registers[10]	0	DINT
URO.Int.Registers[11]	0	DINT
URO.Int.Registers[12]	0	DINT
URO.Int.Registers[13]	0	DINT
URO.Int.Registers[14]	0	DINT
URO.Int.Registers[15]	0	DINT
URO.Int.Registers[16]	0	DINT
URO.Int.Registers[17]	0	DINT
URO.Int.Registers[18]	0	DINT
URO.Int.Registers[19]	0	DINT
URO.Int.Registers[20]	0	DINT
URO.Int.Registers[21]	0	DINT
URO.Int.Registers[22]	0	DINT
URO.Int.Registers[23]	0	DINT
URO.Float		UR_FloatRegisters
URO.Float.Registers		REAL
URO.Float.Registers[0]	0.0	REAL
URO.Float.Registers[1]	0.0	REAL
URO.Float.Registers[2]	0.0	REAL
URO.Float.Registers[3]	0.0	REAL
URO.Float.Registers[4]	0.0	REAL
URO.Float.Registers[5]	0.0	REAL
URO.Float.Registers[6]	0.0	REAL
URO.Float.Registers[7]	0.0	REAL
URO.Float.Registers[8]	0.0	REAL
URO.Float.Registers[9]	0.0	REAL
URO.Float.Registers[10]	0.0	REAL
URO.Float.Registers[11]	0.0	REAL
URO.Float.Registers[12]	0.0	REAL
URO.Float.Registers[13]	0.0	REAL
URO.Float.Registers[14]	0.0	REAL
URO.Float.Registers[15]	0.0	REAL
URO.Float.Registers[16]	0.0	REAL
URO.Float.Registers[17]	0.0	REAL
URO.Float.Registers[18]	0.0	REAL
URO.Float.Registers[19]	0.0	REAL
URO.Float.Registers[20]	0.0	REAL
URO.Float.Registers[21]	0.0	REAL
URO.Float.Registers[22]	0.0	REAL
URO.Float.Registers[23]	0.0	REAL



Control Robot

(End)

