Totally Integrated Automation Portal	

fix_plc / PLC_1 [CPU 1214C DC/DC/DC] / Program blocks

read encoder 1 [FC1]

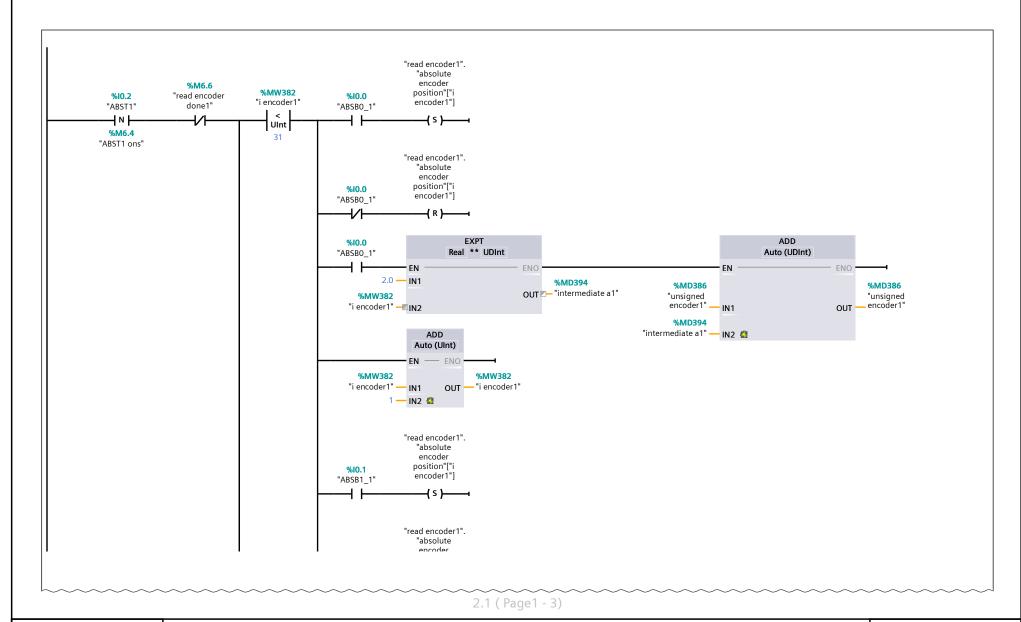
read encoder 1 Properties							
General							
Name	read encoder 1	Number	1	Туре	FC	Language	LAD
Numbering	Automatic						
Information	Information						
Title		Author		Comment		Family	
Version	0.1	User-defined ID					

read encoder 1					
Name	Data type	Default value	Comment		
Input					
Output					
InOut					
Temp					
Constant					
▼ Return					
read encoder 1	Void				

Network 1:

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Network 1: (1.1 / 11.1)



vork 1: (2.1 / 11.1)	
	1.1 (Page1 - 2)
	%IO.1 position"["i encoder1"]
	%IO.1 EXPT ADD "ABSB1_1" Real ** UDInt Auto (UDInt)
	EN ENO 2.0 IN1 %MD394 %MD386 %MW382 OUT — "intermediate a1" "unsigned "i encoder1" IN2 EN ENO **MD386 "unsigned encoder1" IN1 OUT **OUT OUT **OUT **IN1 **MD386 "unsigned encoder1" OUT **IN1 **OUT **IN1 **IN1
	MMD394 "intermediate a1" — IN2 Auto (UInt) EN — ENO %MW382 %MW398
	"i encoder1" — "k encoder1" 2 — "k encoder1" %I0.1 %I0.0
	"ABSB1_1"
	**MO.1
	%IO.1 %IO.0 "ABSB1_1" "ABSB0_1" MOVE

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Network 1: (3.1 / 11.1)	•
······································	2.1 (Page1 - 3)
	"check sum variable1"."check sum variable1"["k encoder1"]
	%IO.1
	ADD Auto (UInt) EN ENO "value check suma1" IN1 OUT "check sum variable1"."check sum variable1"["k
	**MW382 "i encoder1" VIIII
	%Q0.6 "ABSR1"
	4.1 (Page1 - 5)

otally Integrated automation Portal cwork 1: (4.1 / 11.1)			
twork 1: (4.1 / 11.1)	"j che en % "i che	"check sum1". "check sum1"["] check sum1"["] check sum encoder1"] [1"	ADD Auto (UInt) EN ENO *MW404 "intermediate b1" *MW402 "value check sumb1" IN2
	%i0.1 "ABSB1	_1" encoder1"]	
		5.1 (Page1 - 6)	

Automation Portal	
twork 1: (5.1 / 11.1)	4.1 (Page1 - 5)
	MW404 **MW404 **MW404 **J check sum **Intermediate b1 **MW404 **J check sum encoder1** M2 **MW384 J check sum encoder1** M2 **MW384 J check sum encoder1** M3 **MW384 J check sum encoder1** M4 **MW384 J check sum encoder1** M3 **MW384 J check sum encoder1** M4 **MW384 J check sum encoder1** M3 **MW384 J check sum encoder1** M4 **MW384 J check sum encoder1** M5 **MW384 J check sum encoder1** M6 **MW384 J check sum encoder1** M8 **MW384 M8 M8 M8 **MW384 M8 M8 M8 **MW384 M8 M8 M8 **MW384 M8 M8 M8 **MW384 M8 **MW38
	%MW384 "j check sum encoder1" == UInt (S) MOVE
	6.1 (Page1 - 7)

Network 1: (6.1/11.1) 5.1 (Page 1 - 6) 5.1 (Page 1 - 8) 5.1 (Page 1 - 8)	Totally Integrated Automation Portal			
7.1 (Page1 - 8)		"i encoder1" "check sum enable1" == UInt (s)	%MD386 "unsigned encoder1" IN ♣ OUT1 — encoder1" SUB Dint EN — ENO %MD524 "home_ encoder1" IN1 OUT — 1a" %MD390	#Home distance 1a"— IN1 OUT — 1"
		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	7.1 ( Page1 - 8)	

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Network 1: (7.1 / 11.1)	
6.1 ( Page1 - 7)	
8.1 ( Page1 - 9)	

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Network 1: (8.1 / 11.1)	7.1 ( Page1 - 8)	
	9.1 ( Page1 - 10)	

Totally Integrated Automation Portal		
Network 1: (9.1 / 11.1)	8.1 ( Page1 - 9)	
	10.1 ( Page1 - 11)	

Totally Integrated Automation Portal				
Network 1: (10.1 / 11.1)				
	9.1	( Page1 - 10)	~~~~~	
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	11.	(Page1 - 12)		

otally Integrated utomation Portal					
etwork 1: (11.1 / 11.1)					
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	10.1 ( Page1 - 11)			
	MOVE				
WAAD 450	EN — ENO				
"Home distance 1" <mark>— </mark> I	Relative_DB".    OUT1				

Totally Integrated Automation Portal		
Network 2:		
	**M6.6	
Network 3:		
	**MW382	