

X axis unit

TwinCAT_Device.PlcProject.Wp202_A140_X_Axis					
Expression	Type	Value	Prepared value	Add...	Comment
Unit	SingleAxisUnit				
_stdObjectData	OpconObjectData				Standard object data
InstanceID	DWORD	63			Gets or sets instance ID
EtCall	OpconTimeStatisticsLong				Elapsed time of POU call
_stdUnitData	OpconUnitData				standard data of an OpconUnit
EventClear	BOOL	FALSE			Event clear input
ExecState	OPCONEXECSTATE	NOTREADY			Execution state output
ExtensionToken	BYTE	1			
HasError	BOOL	FALSE			Unit has error (no subtree evaluation)
HasInfo	BOOL	FALSE			Unit has info (no subtree evaluation)
HasWarning	BOOL	FALSE			Unit has warning (no subtree evaluation)
UnitState	OPCONUNITSTATE	DISABLED			Unit state output
UnitStateReq	OPCONUNITSTATEREQ	BACKBONE_CONTROLLED			Unit state request input
EExec	OpconTimeStatisticsLong				Elapsed execution time
_stdExecUnitData	OpconExecFsmData				standard data of OpconExecUnit
Activate	BOOL	TRUE			Activate the unit (needed to be set if Exe
Cancel	BOOL	FALSE			Cancel input
Execute	BOOL	FALSE			Execute input
ClassName	STRING(6)	'Axis'			
ParCfg	SingleAxisParCfg				Configuration parameters (loaded in DIS
ParCmd	SingleAxisParCmd				Command parameters (loaded at executi
ParImm	SingleAxisParImm				immediate parameters (loaded every cy
Enable	BOOL	TRUE			enable axis movement
DisableOverride	BOOL	TRUE			disable internal override control
AxisState	OpconDriveBaseState				Command outputs
AxisConfig	OpconDriveBaseConfig				axis configuration
UserOvChanged	BOOL	FALSE			
_parCfg	SingleAxisParCfg				Internal copy of configuration parameter
_parCmd	SingleAxisParCmd				Internal copy of command parameters

X_Axis_Extension

Expression	Type	Value	Prepared value	Add...	Comment
ReleaseRelNeg	BOOL	FALSE			Release manual function "relative mover
ReleaseSetVelo	BOOL	FALSE			Release manual function "set velo"
ReleaseResetVelo	BOOL	FALSE			Release manual function "reset velo"
RunningActivate	BOOL	FALSE			Manual function "activate" is currently ru
RunningDeactivate	BOOL	FALSE			Manual function "deactivate" is currently
RunningHoming	BOOL	FALSE			Manual function "homing" is currently ru
RunningPosAbs	BOOL	FALSE			Manual function "pos absolute" is curren
RunningRelPos	BOOL	FALSE			Manual function "relative +" is currently
RunningRelNeg	BOOL	FALSE			Manual function "relative -" is currently r
RunningSetVelo	BOOL	FALSE			Manual function "speed mode" is current
RunningResetVelo	BOOL	FALSE			Manual function "set speed 0" is current
HmiOut	SingleAxisOutHmi				HMI Values
JogMode	SINGLEAXISJOGMODE	I1			actual selected jog mode [Cont. 100 10]
AxisState	OpconDriveBaseState				Command outputs (result)
ActPos	LREAL	0			current position in mm
ActVel	LREAL	0			current velocity in m/s or °/s
ActTorque	LREAL	0			current torque in Nm
AxisInReference	BOOL	FALSE			
StandStill	BOOL	FALSE			safety related standstill active
DriveConst	BOOL	FALSE			moving constantly (velocity modes)
Accelerating	BOOL	FALSE			axis is currently accelerating
Decelerating	BOOL	FALSE			axis is currently decelarting
Class1Diag	BOOL	FALSE			
Class2Diag	BOOL	FALSE			
Class3Diag	BOOL	FALSE			
DriveEnabled	BOOL	FALSE			
DiagNo	DWORD	0			diagnostic number (error etc.)
HmiCtrl	SingleAxisHmiCtrl				control struct for HMI
ExecTimeActivate	TIME	T#0ms			

H axis unit

TwinCAT_Device.PlcProject.Wp401_A152_H_Axis					
Expression	Type	Value	Prepared value	Add...	Comment
Unit	SingleAxisUnit				
_stdObjectData	OpconObjectData				Standard object data
InstanceID	DWORD	79			Gets or sets instance ID
EtCall	OpconTimeStatisticsLong				Elapsed time of POU call
_stdUnitData	OpconUnitData				standard data of an OpconUnit
EventClear	BOOL	FALSE			Event clear input
ExecState	OPCONEXECSTATE	ERROR			Execution state output
ExtensionToken	BYTE	1			
HasError	BOOL	TRUE			Unit has error (no subtree evaluation)
HasInfo	BOOL	FALSE			Unit has info (no subtree evaluation)
HasWarning	BOOL	FALSE			Unit has warning (no subtree evaluation)
UnitState	OPCONUNITSTATE	OPERATIONAL			Unit state output
UnitStateReq	OPCONUNITSTATEREQ	BACKBONE_CONTROLLED			Unit state request input
EtExec	OpconTimeStatisticsLong				Elapsed execution time
_stdExecUnitData	OpconExecFsmData				standard data of OpconExecUnit
Activate	BOOL	TRUE			Activate the unit (needed to be set if Exe
Cancel	BOOL	FALSE			Cancel input
Execute	BOOL	FALSE			Execute input
ClassName	STRING(6)	'Axis'			
ParCfg	SingleAxisParCfg				Configuration parameters (loaded in DIS
ParCmd	SingleAxisParCmd				Command parameters (loaded at executi
ParImm	SingleAxisParImm				immediate parameters (loaded every cy
Enable	BOOL	TRUE			enable axis movement
DisableOverride	BOOL	TRUE			disable internal override control
AxisState	OpconDriveBaseState				Command outputs
AxisConfig	OpconDriveBaseConfig				axis configuration
UserOvChanged	BOOL	FALSE			
_parCfg	SingleAxisParCfg				Internal copy of configuration parameter
_parCmd	SingleAxisParCmd				Internal copy of command parameters

H_Axis_Extension

TwinCAT_Device.PlcProject.Wp401_A152_H_Axis					
Expression	Type	Value	Prepared value	Add...	Comment
RunningPosAbs	BOOL	FALSE			Manual function "pos absolute" is current
RunningRelPos	BOOL	FALSE			Manual function "relative +" is currently
RunningRelNeg	BOOL	FALSE			Manual function "relative -" is currently r
RunningSetVelo	BOOL	FALSE			Manual function "speed mode" is current
RunningResetVelo	BOOL	FALSE			Manual function "set speed 0" is currentl
HmiOut	SingleAxisOutHmi				HMI Values
JogMode	SINGLEAXISJOGMODE	I1			actual selected jog mode [Cont. 100 10 1
AxisState	OpconDriveBaseState				Command outputs (result)
ActPos	LREAL	-67452000			current position in mm
ActVel	LREAL	-763000			current velocity in m/s or °/s
ActTorque	LREAL	0			current torque in Nm
AxisInReference	BOOL	TRUE			
StandStill	BOOL	TRUE			safety related standstill active
DriveConst	BOOL	FALSE			moving constantly (velocity modes)
Accelerating	BOOL	FALSE			axis is currently accelerating
Decelerating	BOOL	FALSE			axis is currently decelarting
Class1Diag	BOOL	FALSE			
Class2Diag	BOOL	FALSE			
Class3Diag	BOOL	TRUE			
DriveEnabled	BOOL	FALSE			
DiagNo	DWORD	655379			diagnostic number (error etc.)
HmiCtrl	SingleAxisHmiCtrl				control struct for HMI
ExecTimeActivate	TIME	T#0ms			
ExecTimeDeactivate	TIME	T#0ms			
ExecTimeHoming	TIME	T#0ms			
ExecTimePosAbs	TIME	T#0ms			
ExecTimeRelNeg	TIME	T#0ms			
ExecTimeRelPos	TIME	T#0ms			
ExecTimeSetVelo	TIME	T#0ms			

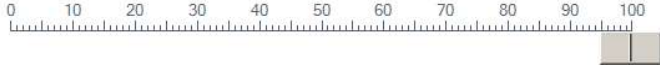
X axis

2022-04-06 05:20:18 测试系统 轴不在正确的区域, 请手动移到正确的区域 (功能测试站)

线 > 切浆站 > 功能单元 > X/Y/Z 平台 > A140_X轴

Overview

drive relative - actual position notdef drive relative +



<< Cont. 100 10 1 0.1 0.01 0.001 mm >>

Control on Control off Homing

- NOT moving
- accelerating
- decelerating
- constant drive
- Calibrated
- Drive On
- Error present

0

手动

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H axis

2022-04-06 05:21:57 测试系统 轴不在正确的区域, 请手动移到正确的区域 (功能测试站)

线 > 功能测试站 > 功能单元 > 测试系统 > A152_H_轴

Overview

drive relative - actual position mm drive relative +

<< Cont. 100 10 1 0.1 0.01 0.001 mm >>

Control on

- NOT moving
- accelerating
- decelerating
- constant drive

Control off

- Calibrated
- Drive On
- Error present

A0013

手动

