

Motion > Axis Profiles Partially Operating | EN | rexroth

Axis Profiles Configuration

1 item

Status	Name ↑	Device name	Device address	Actions
✔	Profile_2	ctrlX_DRIVE_XMS_CoE_	1001	✎ 🗑

Profile_2

Device name or address *
ctrlX_DRIVE_XMS_CoE_

I/O Engineering

Type
CANopen_over_Ethercat

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Profile_2 Configuration

① Mapping of inputs and outputs of a field bus drive (Mapped drive variables) to the variables of an axis profile (Axis profile variables)
To map variables, select an axis profile variable (left side) and select an input or output from the list of devices (right side).

Inputs		Devices
diagcode		ctrlX_DRIVE_XMS_CoE_
position *	ctrlX_DRIVE_XMS_CoE_/Axis_1/Transmit_PDO_Mapping_Parameter.Position_controller_Actual_value	Axis_1
probe1-active		<input type="checkbox"/> Transmit_PDO_Mapping_Parameter.CiA402_status_word
probe1-makfal		<input checked="" type="checkbox"/> Transmit_PDO_Mapping_Parameter.Position_controller_Actual_value
probe1-negedg		<input type="checkbox"/> Receive_PDO_Mapping_Parameter.CiA402_control_word
probe1-neglat		<input type="checkbox"/> Receive_PDO_Mapping_Parameter.Target_position
probe1-posdif		
probe1-posedg		
probe1-poslat		
probe2-active		

Activate Windows
Go to Settings to activate Windows.

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Inputs		Devices
probe2-poslat		ctrlX_DRIVE_XMS_CoE_
statusword *	ctrlX_DRIVE_XMS_CoE_/Axis_1/Transmit_PDO_Mapping_Parameter.CiA402_status_word	Axis_1
switch-neglim		<input checked="" type="checkbox"/> Transmit_PDO_Mapping_Parameter.CiA402_status_word
switch-poslim		<input type="checkbox"/> Transmit_PDO_Mapping_Parameter.Position_controller_Actual_value
switch-ref		<input type="checkbox"/> Receive_PDO_Mapping_Parameter.CiA402_control_word
torque-force		<input type="checkbox"/> Receive_PDO_Mapping_Parameter.Target_position
velocity		
Outputs		
controlword *	ctrlX_DRIVE_XMS_CoE_/Axis_1/Receive_PDO_Mapping_Parameter.CiA402_control_word	
position *	ctrlX_DRIVE_XMS_CoE_/Axis_1/Receive_PDO_Mapping_Parameter	

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