

- Halting of superimposed movements
- 2 Drive support
- Cam extensions
- 4 Forecast

Halting of superimposed movements

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FB-Name		MC_HaltSuperimposed						
Thi	This Function Block commands a halt to all superimposed motions of the axis. The underlying motion is not interrupt-							
ed.	ed.							
VAR_IN_OUT								
	В	Axis	AXIS_REF	Reference to the axis				
VAR_INPUT								
	B Execute BOOL Start the action at rising edge		Start the action at rising edge					
	E	Deceleration	REAL	Value of the deceleration [u/s²]				
	E	Jerk	REAL	Value of the Jerk [u/s³]				
VAR_OUTPUT								
	B Done		BOOL	Superimposed motion halted				
		Busy	BOOL	The FB is not finished and new output values are to be expected				
		CommandAborted	BOOL	'Command' is aborted by another command				
	В	Error	BOOL	Signals that an error has occurred within the Function Block				
	Е	ErrorID	WORD	Error identification				
-								

	MC_Halt		
AXIS_REF	Axis	Axis	AXIS_REF
BOOL	Execute	Done	BOOL
REAL	Deceleration	Busy	BOOL
REAL	Jerk	Active	BOOL
		CommandAborted	BOOL
		Error	BOOL
		ErrorID	WORD

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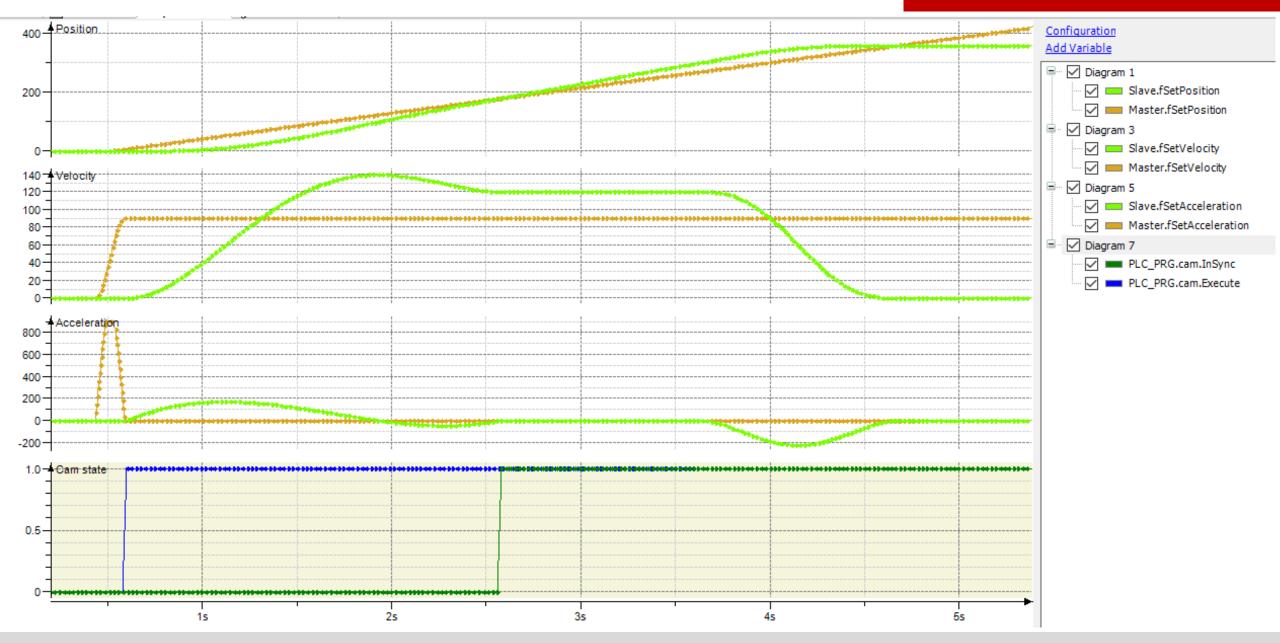
4 Forecast

- New driver for Mitsubishi Melservo series
- Discontinuation of Sercos driver

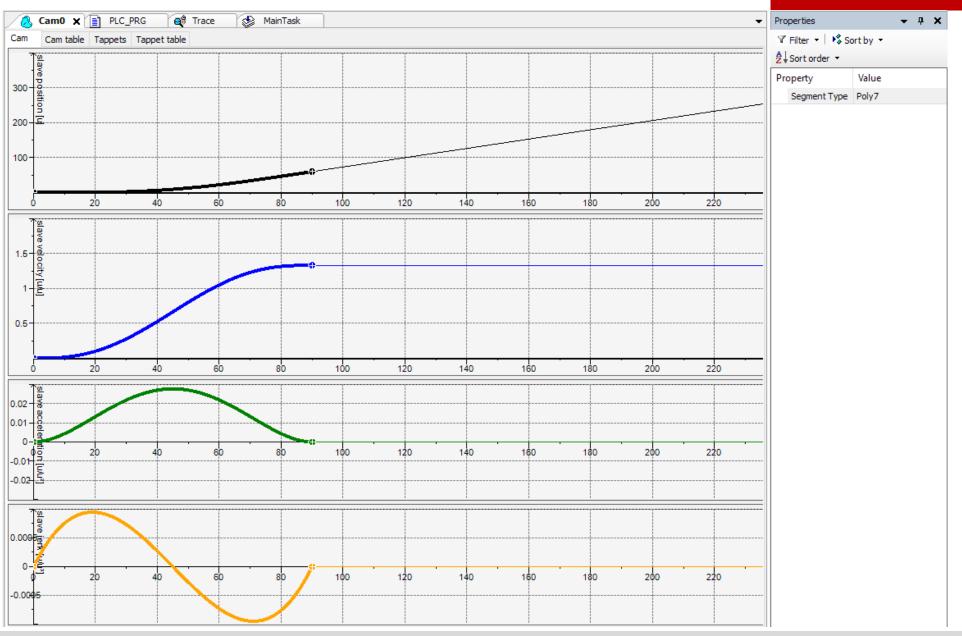


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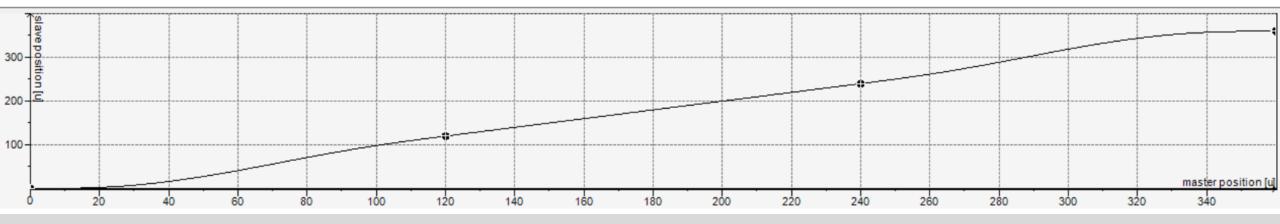
Distance-based ramping-in



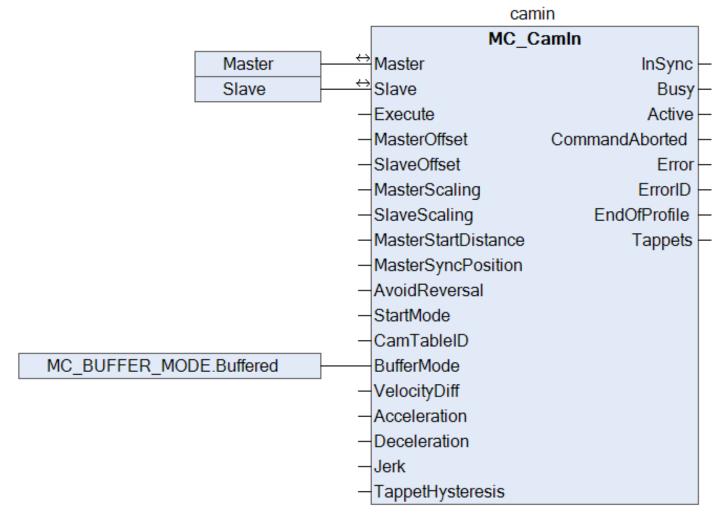
Polynomials of degree 7



```
camBuilder.Init();
camBuilder.Append(
    SMCB.Poly5(
        SMCB.BoundImplicit(),
       SMCB.Bound(120, 120, 1)));
camBuilder.Append(
    SMCB.Poly5(
       SMCB.BoundImplicit(),
        SMCB.Bound(240, 240, 1)));
camBuilder.Append(
    SMCB.Poly5(
       SMCB.BoundImplicit(),
        SMCB.Bound(360, 360)));
```



Switching cams using buffer modes



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