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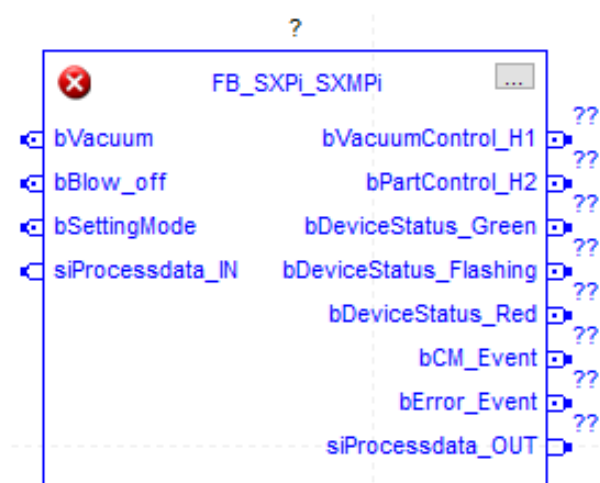
1 Function block "FB_SXPi_SXMPi"

1.1 Brief description

This function block controls the Processdata of Schmalz SXPi/SXMPi with IO-Link.

1.2 Image of function block

Example of function block:



1.3 Parameter - Input

name	data type	description
bVacuum	BOOL	Request for suction
bBlow_off	BOOL	Request to blow-off
bSettingMode	BOOL	Vacuum on/off with continuous suction disabled
siProcessdata_IN	SINT	Input byte of process data

1.4 Parameter - Output

name	data type	description
bVacuumControl_H1	BOOL	Control value vacuum
bPartControl_H2	BOOL	Switch-on value signal output „Part control“
bDeviceStatus_Green	BOOL	Device is working optimally
bDeviceStatus_Flashing	BOOL	Device is working but there are warnings
bDeviceStatus_Red	BOOL	Device is not working properly
bCM_Event	BOOL	A Condition Monitoring Event occurred
bError_Event	BOOL	An Error Event occurred
siProcessdata_OUT	SINT	Output byte of process data

2 Appendix

2.1 List of abbreviations

abbreviation	description
FB	Function block
EPC	Energy- and Processcontrol
CM	Condition Monitoring
EM	Energy Monitoring
PM	Predictive Maintenance

2.2 Note

- The byte order of the product is represented as big endian.
- The triggering of the vacuum must be carried out in accordance with the corresponding ejector variant (e.g., NO, NC, IMP).

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