



VACUUM-AUTOMATION

## Function Block-Documentation

„FB\_VSi“ – Beckhoff – TwinCAT 3

Version 01 | 01.2020

**Note**

This document were originally written in German and have been translated into English.  
Store in a safe place for future reference.

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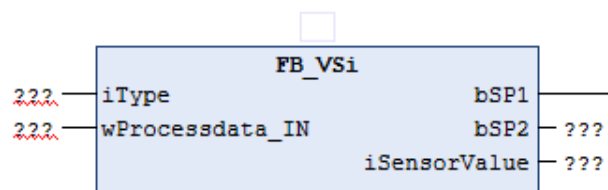
# 1 Function block "FB\_VSi"

## 1.1 Brief description

This function block controls the Processdata of Schmalz VSi with IO-Link.

## 1.2 Image of function block

Example of function block:



### 1.3 Parameter - Input

name	data type	description
iType	INT	0 = VSi V or VSi P, 1 = VSi VP
wProcessdata_IN	WORD	Input word of process data

### 1.4 Parameter - Output

name	data type	description
bSP1	BOOL	Switchpoint 1
bSP2	BOOL	Switchpoint 2
iSensorValue	INT	Sensor value (mBar)

## 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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