analysis of SIKO\_AG03\_1\_20150311.eds

# Import Warnings

These warnings can be ignored because they notify that the default value is missing

* missing entries of the PDO mapping
	+ ignore it because these entries must not be provided due to the static mapping
* missing default values of index 1011h
	+ these values are not relevant for the generated configuration

# PDO mapping

SIKO device does not support dynamic PDO mapping

* therefore the mapping is blocked that is indicated by  in front of the PDOs

SIKO device does not provide more mappable objects than displayed by the tab: Application Objects dynamic PDO mapping



# Overview of the object dictionary

The tab
 Device Parameters Node-ID xx
gives an overview about the object dictionary of the device .

This overview does not contain the objects that are configured by the tabs

* Network Management Configuration
* Error Control Configuration
	+ Heartbeat / Guarding, Heartbeat Consuming
* Application Objects
	+ Communication / Mapping parameters of the PDOs
	+ Sync cycle time, sync producer

**Note:**

* These objects can be accessed by SDO commands of the PLC
	+ greyed objects are read only
	+ black objects can be written

**Note:**

* Values that must be only set once after power on / reset of the device
	+ can be configured in the tab: Device Parameters Node-ID xx
	+ and they will be added to the automatic configuration of the device by the CM CANopen
	+ e.g: index 2410 Motor parameter set
	 subindex 01 Controller Parameter P
	example value: 250

	

**Hint: Configuration of the CAN Baudrate / CANopen node id**

* the configuration of the CAN baudrate or the CANopen node id by an object entry requires
	+ Restore Configuration is set to 2
	 to avoid that the stored CAN baudrate / CANopen node id is reset to default when the slave is booted by the CANopen manager
	 the slave will be booted by the CANopen manager
	 after power on / error control events of the slave / reset
	+ see tab Network Management Configuration
* the configuration of the CAN baudrate or the CANopen node id by an object requires additional actions:
	+ either CAN baudrate or the CANopen node are configured by another tool
	 before the device is connected to the CANopen network
	+ or (much more difficult) by the PLC application

# Result

It must be clarified if the EDS is correct

* if the PDO mapping is really static and cannot be changed

Contact the manufacturer of the device