Platform MX6
Software option S113
CODESYS SNMP Connectivity

1   Identification

Identification	
Option ID	S113
Order number	S-05000314-0000
Short name	CODESYS SNMP Connectivity
Brief description	With the help of this software option it is possible to communicate with SNMP compatible devices.
Revision ID document	V1.0

2   System requirements and restrictions

System requirements and restrictions	
Supported platforms and devices	Berghof PLC devices of the MX6 platform (e.g.: MCs, CCs, DCs). Additional information regarding availability and compatibility can be found in options section of the product catalog.
Firmware	MX6-PLC from version 1.18.4, CODESYS from 3.5 SP11 Patch 4
Additional requirements	— IP network connection
Restrictions	—

3   Product description

This library makes it possible to read device information of printers, routers etc. via the SNMP protocol. The library provides function blocks to send and receive SNMP messages. The package contains the SNMP library and example applications.

Supported SNMP features:

— SNMP GET: Request a value (PLC is manager)
— SNMP GET_NEXT: Request a value and get the OID from the next value (PLC is manager)
— SNMP Agent: Enables devices to request values from the control (PLC is agent).
— SNMP TRAP: Send and receive TRAP/INFORM telegrams.
— SNMP SET: Set values via SNMP

The SNMP Library is part oft he Berghof Target Package and contains following components:

— SNMPLibrary (Namespace: SNMP)
— Project with example applications
— CHM help
— Product datasheet

4   Technical data

Technical data	
Integrated Version	SNMP-Versions: SNMP V1 und SNMP V2c