

SmartWire-DT

PROFINET Gateway



- **Easy PROFINET integration as modular IO device**
- **Rapid push button based on-site commissioning**
- **Effortless PROFINET Controller configuration with GSDML file**
- **Full support of 99 SmartWire-DT stations**



As modular PROFINET IO device the gateway integrates any subordinate SmartWire-DT network into PROFINET. Each SmartWire-DT station is represented as a subsequent slot in the IO device. The cyclic process data is exchanged transparently in between both networks. 1000 bytes of process input/output data can be exchanged with up to 99 SmartWire-DT stations.

The gateway is easily commissioned on-site by pushing a configuration button to save the actual scanned SmartWire-DT network constellation as expected configuration. On each power cycle the gateway rescans the network and compares actual and expected configuration and gets operational on PROFINET if both configurations match.

A PROFINET GSDML file is provided with gateway. It contains the gateway parameters and all SmartWire-DT stations as configureable modules. A file import into the PROFINET controller's engineering tool enables the user to commission the gateway on PROFINET.

The software SWD-Assist may be used to plan, dimension and document a SmartWire-DT network offline. In its online mode it allows to provide the status of the inputs and outputs, the SWD diagnostics and the generation of project specific GSDML files.

Technical Data / Product Overview

Technical Details	Parameter	Value
	Typ of device	PROFINET IO Device SmartWire-DT Master
	Amount of Input data	800 Byte
	Amount of Output data	642 Byte
	In- / Output data in sum	1000 Byte
	SWD Number of Stations	99
	SWD Baud rate	125 / 250 kBd
	Address Setting	With PROFINET

Parameter	Value
Diagnostic Interface	Mini-USB
Ethernet Interface	2-Port Switch (RJ45) / 100 MBit
Power Supply U_{POW} / U_{ALIX} 24 V	700 mA / 3000 mA
Operating Temperature	-25° ... 55° C
Dimensions (H x W x H)	90 x 35 x 127 mm

Note: All technical data is preliminary and may be changed without notice.

Overview	Article	Article Number	Article Description
	EU5C-SWD-PROFINET	9233.920	SmartWire-DT / PROFINET Gateway
	EU5C-SWD-SW	3233.920	SWD-Assist planning and diagnostics software DVD ROM and USB cable

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