

SmartWire-DT

EtherCAT Gateway

- Integrates a subordinate SmartWire-DT network strand into EtherCAT
- Automatic topology recognition and setting by configuration button on the front
- Features the full range of 99 SmartWire-DT stations
- Advanced functions and diagnostics with planning and ordering tool SWD-Assist



EtherCAT 

Gateway between SmartWire-DT and EtherCAT

The gateway connects a subordinate SmartWire-DT network to any EtherCAT master. It represents a single EtherCAT slave and maps each SmartWire-DT station and its process data modularly in slots. In sum 1000 bytes input and output process data can be exchanged and it will be converted transparently between both networks. The full range of 99 SmartWire-DT stations is supported.

Commissioning is performed using the configuration button on the front of the device. Pressing it will recognize the connected SmartWire-DT topology and saved it in the gateway. The EtherCAT master is able to read out

this configuration over EtherCAT in order to rebuild the configuration automatically in the engineering tool in conjunction with the ESI device description file.

Eatons planning and ordering tool SWD-Assist may be used optionally. It helps to dimension the SmartWire-DT strand and carries out further diagnostics over the gateways USB port in the event of a network error. SWD-Assist is not part of the gateways scope of delivery. It can be downloaded free of charge at www.hilscher.com or ordered as DVD inclusive USB cable at cost price.



→ QR Code Link: SmartWire EtherCAT
Service-Hotline: +49 (0) 6190 9907-90
www.hilscher.com

Product Information

Technical Data

Technical Data

Operating Temperature

-25 °C ... +55 °C

Power Supply U_{POW} | U_{AUX} 24 V

700 mA | 3000 mA

Dimensions (L x W x H)

90 × 35 × 127 mm

Ethernet Interface

2-Port Switch (RJ45) / 100 MBit

Diagnostic Interface

Mini USB

Typ of device

EtherCAT Slave in acc. to IEC 61158 | SmartWire-DT Master

Technical Data

Amount of Input data

800 Bytes

Amount of Output data

642 Bytes

In- / Output data in sum

1000 Bytes

SWD Number of Stations

99

SWD Baud rate

125 / 250 kBd

EtherCAT Device Profile

ETG.5001.1-4, Modular Device Profile

Note: All technical data may be changed without further notice.

Product Overview

EU5C-SWD-ETHERCAT

9233.922

SmartWire-DT / EtherCAT Gateway

EU5C-SWD-SW

3233.920

SWD-Assist planning and diagnostics software DVD ROM and USB cable



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