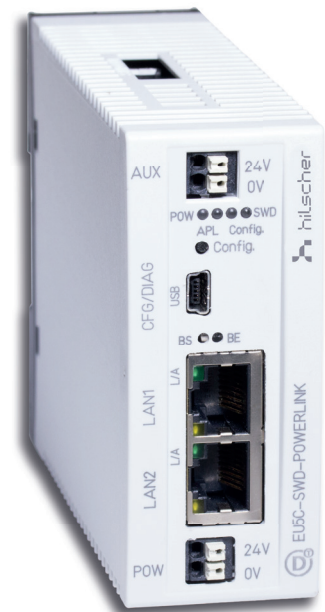


# SmartWire-DT

POWERLINK Gateway

- Maps a SmartWire-DT strand into POWERLINK
- Is commissioned in seconds over USB
- Supports automatic XDD file generation
- Features 99 SmartWire-DT stations per strand



ETHERNET   
**POWERLINK**

## Gateway between SmartWire-DT and POWERLINK

As a single POWERLINK node the gateway integrates a subordinate SmartWire-DT network with up to 99 stations into Ethernet POWERLINK. The SmartWire-DT stations process data is converted transparently between both network protocols. The data is represented modularly as mapable I/O objects. In sum 1000 bytes input and output process data can be mapped into POWERLINK.

The gateway is commissioned easily with the planning and diagnostic software SWD-Assist over USB. A scan function determines the connected SmartWire-DT network constellation automatically. The final network

configuration inclusive the modifiable SmartWire-DT stations parameters is to be downloaded back into the gateway to commission. For a proper POWERLINK master configuration finally the gateway configuration has to be transformed with SWD-Assist into a standardized POWERLINK XDD device description file.

The software SWD-Assist is not part of the gateways scope of delivery. It can be downloaded free of charge at [www.hilscher.com](http://www.hilscher.com) or ordered as DVD inclusive USB cable at cost price.



→ QR Code Link: SmartWire-DT POWERLINK  
Service-Hotline: +49 (0) 6190 9907-90  
[www.hilscher.com](http://www.hilscher.com)

# Product Information

## Technical Data

### Technical Data

**Operating Temperature**  
-25° ... +55° C

**Power Supply**  $U_{\text{POW}}$  |  $U_{\text{AUX}}$  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**  
POWERLINK Controlled Node | 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

**Address Setting**  
With SWD-Assist

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

### Product Overview

EU5C-SWD-POWERLINK	9233.921	SmartWire-DT / POWERLINK Gateway
EU5C-SWD-SW	3233.920	SWD-Assist planning and diagnostics software DVD ROM and USB cable



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