

EU5C-SWD-DP PXC - Data interface



2903100

<https://www.phoenixcontact.com/us/products/2903100>

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SmartWire-DT™ gateway for connecting to PROFIBUS DP as a slave, automatic baud rate detection: 9.6 kbps to 12 Mbps, connection of up to 58 SmartWire-DT™ devices.

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 2903100 |
| Packing unit | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | C477 |
| Product key | DK7721 |
| GTIN | 4046356709736 |
| Weight per piece (including packing) | 220.2 g |
| Weight per piece (excluding packing) | 220.2 g |
| Customs tariff number | 85371091 |
| Country of origin | DE |

Technical data

Product properties

| | |
|----------------------------|------------------|
| Product type | Gateways/Proxies |
| Insulation characteristics | |
| Overvoltage category | II |
| Pollution degree | 2 |

Electrical properties

Supply

| | |
|--------------------------|-------------------------|
| Supply voltage U_{AUX} | 24 V DC -15 % ... +20 % |
| Rated current I_{AUX} | 3 A |
| Supply voltage U_{POW} | 24 V DC -15 % ... +20 % |
| Rated current I_{POW} | 700 mA |

Connection data

Supply

| | |
|----------------------------------|---|
| Connection method | Push-in connection |
| Conductor cross-section rigid | 0.2 mm ² ... 1.5 mm ² |
| Conductor cross-section flexible | 0.2 mm ² ... 1.5 mm ² |
| Conductor cross-section AWG | 24 ... 16 |

SmartWire™-DT

| | |
|-----------------------|--|
| Connection method | Pin strip |
| Number of connections | 1 |
| Number of positions | 8 |
| Note | for SmartWire™ DT-DT spade connector SWD4-8MF2 PXC |

Interfaces

Data: SmartWire™-DT

| | |
|-------------------|-------------------|
| Data rate | 125 kBd / 250 kBd |
| Connection method | Pin strip, 8-pos. |

Data: PROFIBUS DP

| | |
|-------------------|-----------|
| Data rate | 12 MBit/s |
| Connection method | D-SUB-9 |

Dimensions

| | |
|--------|--------|
| Width | 35 mm |
| Height | 90 mm |
| Depth | 127 mm |

Material specifications

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| | |
|-------|------------------|
| Color | green (RAL 6021) |
|-------|------------------|

Environmental and real-life conditions

Ambient conditions

| | |
|---|------------------|
| Degree of protection | IP20 |
| Ambient temperature (operation) | -25 °C ... 55 °C |
| Ambient temperature (storage/transport) | -40 °C ... 70 °C |

Standards and regulations

| | |
|-----------------------|----------|
| Standards/regulations | EN 50178 |
|-----------------------|----------|

Mounting

| | |
|-------------------|-------------------|
| Mounting type | DIN rail mounting |
| Mounting position | any |

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Environmental product compliance

EU RoHS

| | |
|---|---|
| Fulfills EU RoHS substance requirements | Not applicable, No electrical and electronic equipment (EEE), cannot be used in EEE |
|---|---|

EU REACH SVHC

| | |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

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