

# FL NP PND-4TX PB - Proxy



2985071

<https://www.phoenixcontact.com/us/products/2985071>

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Proxy for PROFINET-RT, PROFIBUS proxy with integrated 4-port switch, for use with PC WORX only

## Product description

The PROFIBUS proxy opens up a new PROFIBUS world for our controller landscape. All PROFIBUS devices can be addressed via the proxy from every PROFINET-capable controller. The engineering is perfectly integrated into PC WORX. The PROFIBUS diagnostics are mapped completely by PROFINET mechanisms.

## Your advantages

- Data exchange, diagnostics, and parameterization are via the PROFINET protocol
- LLDP support for topology detection
- PROFINET update rates = 1 ms
- Can be integrated and parameterized in any controller using the PROFINET functionality

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 2985071                        |
| Packing unit                         | 1 pc                           |
| Minimum order quantity               | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | DR14                           |
| Product key                          | DREBAB                         |
| GTIN                                 | 4046356163545                  |
| Weight per piece (including packing) | 720.4 g                        |
| Weight per piece (excluding packing) | 720.1 g                        |
| Customs tariff number                | 85176200                       |
| Country of origin                    | DE                             |

## Technical data

### Product properties

|              |                  |
|--------------|------------------|
| Product type | Gateways/Proxies |
| Type         | Stand-alone      |

### System properties

#### INTERBUS-Master

|                             |          |
|-----------------------------|----------|
| Number of supported devices | max. 125 |
|-----------------------------|----------|

### Electrical properties

|                                                 |       |
|-------------------------------------------------|-------|
| Maximum power dissipation for nominal condition | 8.4 W |
|-------------------------------------------------|-------|

#### Supply

|                             |                         |
|-----------------------------|-------------------------|
| Supply voltage (DC)         | 24 V DC                 |
| Supply voltage range        | 18.5 V DC ... 30.2 V DC |
| Typical current consumption | 350 mA                  |

### Interfaces

#### Ethernet

|                    |             |
|--------------------|-------------|
| Connection method  | RJ45 jack   |
| Transmission speed | 10/100 Mbps |
| No. of channels    | 4           |

#### PROFIBUS DP V0/V1 class 2 master

|                    |                     |
|--------------------|---------------------|
| Connection method  | 9-pos. D-SUB socket |
| Transmission speed | to 12 Mbps          |
| No. of channels    | 1                   |

### Dimensions

|        |        |
|--------|--------|
| Width  | 128 mm |
| Height | 95 mm  |
| Depth  | 69 mm  |

### Environmental and real-life conditions

#### Ambient conditions

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

### Mounting

|               |                   |
|---------------|-------------------|
| Mounting type | DIN rail mounting |
|---------------|-------------------|

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## Classifications

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 43222609 |
|-------------|----------|

Environmental product compliance

|                                        |                                                                                                                                                                                                                                                                 |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| China RoHS                             |                                                                                                                                                                                                                                                                 |
| Environment friendly use period (EFUP) | <div>EFUP-50</div> <div>An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.</div> |
| EU REACH SVHC                          |                                                                                                                                                                                                                                                                 |
| REACH candidate substance (CAS No.)    | No substance above 0.1 wt%                                                                                                                                                                                                                                      |

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