

# 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
Catalog page	Page 359 (C-6-2019)
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

#### Data management status

Article revision	06
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### System properties

#### INTERBUS-Master

Number of supported devices	max. 125
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### Electrical properties

Maximum power dissipation for nominal condition	8.4 W
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#### 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

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Mounting type	DIN rail mounting
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Classifications

ECLASS

ECLASS-11.0	19170405
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UNSPSC

UNSPSC 21.0	43222609
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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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