

# Converter - FB-HSB-DP/PA - 2316370

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PROFIBUS DP to PROFIBUS PA coupler

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## Product Description


PROFIBUS coupler/link products transparently convert PROFIBUS DP to PROFIBUS PA, while providing detailed network diagnostics and an oscilloscope feature for PROFIBUS PA

## Why buy this product

- One communication interface module can drive up to ten individual PROFIBUS DP or PROFIBUS PA modules
- Auto detect any baud rate up to 12 Mbps transparently
- Powerful, embedded web server for configuration and access to network diagnostics
- Manage and configure PROFIBUS field devices using FDT/DTM



## Key Commercial Data

|              |   |
|--------------|---|
| Packing unit | 1 STK   |
| GTIN         | <br>4 055626 020471 |
| GTIN         | 4055626020471   |

## Technical data

### Dimensions

|        |        |
|--------|--------|
| Width  | 75 mm  |
| Height | 100 mm |
| Depth  | 132 mm |

### Ambient conditions

|   |                  |
|---|------------------|
| Ambient temperature (operation)         | -20 °C ... 60 °C |
| Ambient temperature (storage/transport) | -20 °C ... 60 °C |
| Altitude                                | 2000 m           |
| Degree of protection                    | IP20             |

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## Technical data

### General

|                   |  |
|-------------------|--|
| Mounting position | On horizontal DIN rail NS 35 in acc. with EN 60715 |
| Net weight        | 882.4 g  |
| Color             | green  |
| UL, USA/Canada    | UL 508 Listed                                      |
| UL, Canada        | CSA C22.2 No. 142                                  |

### Power supply

|                                       |                         |
|---------------------------------------|-------------------------|
| Supply voltage range                  | 10.8 V DC ... 26.4 V DC |
| Max. current consumption              | 800 mA                  |
| Conductor cross section flexible max. | 2.50 mm <sup>2</sup>    |
| Conductor cross section flexible min. | 0.20 mm <sup>2</sup>    |
| Conductor cross section solid max.    | 2.50 mm <sup>2</sup>    |
| Conductor cross section solid min.    | 0.20 mm <sup>2</sup>    |
| Conductor cross section AWG max.      | 12                      |
| Conductor cross section AWG min.      | 24                      |

### Serial interface

|                                       |                      |
|---------------------------------------|----------------------|
| Interface 1                           | Ethernet             |
| Interface                             | 10/100 Mbps Ethernet |
| No. of ports                          | 1                    |
| Connection method                     | RJ45                 |
| Conductor cross section solid min.    | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.    | 2.5 mm <sup>2</sup>  |
| Conductor cross section flexible min. | 0.2 mm <sup>2</sup>  |
| Conductor cross section flexible max. | 2.5 mm <sup>2</sup>  |
| Conductor cross section AWG min.      | 24                   |
| Conductor cross section AWG max.      | 12                   |

### Standards and Regulations

|                |                   |
|----------------|-------------------|
| UL, USA/Canada | UL 508 Listed     |
| UL, Canada     | CSA C22.2 No. 142 |

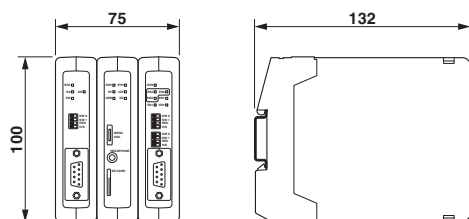
### Environmental Product Compliance

|            |   |
|------------|---|
| China RoHS | Environmentally Friendly Use Period = 50  |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

## Drawings

## Converter - FB-HSB-DP/PA - 2316370

Dimensional drawing



### Articles in set

Repeater - FB-DP-RPTR - 2316373



PROFIBUS DP interface/repeater module

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Repeater - FB-PA/SC - 2316375



PROFIBUS PA interface module with oscilloscope

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Converter - FB-HSB - 2316379



Head station for monitoring one PROFIBUS network

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