

## Converter - FB-HSB-DP-SC/PA - 2316381

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PROFIBUS DP to PROFIBUS PA coupler

### 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 and PROFIBUS DP

### Your advantages

- ✓ 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 pc
GTIN	 4 055626 287966
GTIN	4055626287966
Weight per Piece (excluding packing)	914.100 g
Custom tariff number	85176200
Country of origin	Netherlands
Note	Made to Order (non-returnable)

### Technical data

#### Dimensions

Width	75 mm
Height	100 mm
Depth	132 mm

#### Ambient conditions

Ambient temperature (operation)	-20 °C ... 60 °C
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## Technical data

### Ambient conditions

Ambient temperature (storage/transport)	-20 °C ... 60 °C
Permissible humidity (operation)	5 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	5 % ... 95 % (non-condensing)
Degree of protection	IP20

### General

Mounting position	On horizontal DIN rail NS 35 in acc. with EN 60715
Net weight	914.1 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

### Interfaces

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

Designation	Standards/regulations
Standards/regulations	Ring wave noise immunity in acc. with IEC 61000-4-12
Designation	Standards/regulations
Standards/regulations	Dry heat in acc. with IEC 61131-2
Designation	Standards/regulations
Standards/regulations	Damp heat in acc. with IEC 61131-2
Designation	Standards/regulations
Standards/regulations	Shock and vibration in acc. with EN 61131-2 and EN 50178

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## Technical data

### Standards and Regulations

Designation	PROFIBUS standardization
Standards/regulations	IEC 61158-2
UL, USA/Canada	UL 508 Listed
UL, Canada	CSA C22.2 No. 142

### Environmental Product Compliance

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

## Articles in set

### Repeater - FB-DP-RPTR/SC - 2316374



PROFIBUS DP interface/repeater module with oscilloscope functionality

### Repeater - FB-PA/SC - 2316375



PROFIBUS PA interface module with oscilloscope

### Converter - FB-HSB - 2316379



Head station for monitoring one PROFIBUS network

## Classifications

### eCl@ss

eCl@ss 5.1	27242208
eCl@ss 6.0	27242600
eCl@ss 7.0	27242608
eCl@ss 8.0	27242608
eCl@ss 9.0	27242608

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## Classifications

### ETIM

ETIM 5.0	EC001604
ETIM 6.0	EC001604
ETIM 7.0	EC001604

### UNSPSC

UNSPSC 13.2	32151602
UNSPSC 18.0	32151602
UNSPSC 19.0	32151602
UNSPSC 20.0	32151602
UNSPSC 21.0	32151602

## Accessories

### Accessories

#### Device coupler

#### Repeater - FB-DP-RPTR - 2316373



PROFIBUS DP interface/repeater module

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#### Repeater - FB-DP-RPTR/SC - 2316374



PROFIBUS DP interface/repeater module with oscilloscope functionality

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#### Repeater - FB-PA/SC - 2316375



PROFIBUS PA interface module with oscilloscope

## Converter - FB-HSB-DP-SC/PA - 2316381

### Accessories

Converter - FB-HSC - 2316371



Head station for monitoring up to four PROFIBUS networks

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