

# IA100 NOSECONE GROUPA D37M - Front adapter



2905862

<https://www.phoenixcontact.com/us/products/2905862>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

Adapter for Invensys/Foxboro I/A 100 series



## Your advantages

- Compact design allows for mounting eight modules horizontally in an IE32 cabinet
- No need to re-terminate field wiring
- D37M high density connection to replacement DCS
- Passive 1:1 migration of field wiring
- Field wiring connection via existing "nosecone"
- DIN rail mounting

## Commercial data

Item number	2905862
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C429
Product key	DK2BZZ
GTIN	4055626045832
Weight per piece (including packing)	157.5 g
Weight per piece (excluding packing)	150 g
Customs tariff number	85366990
Country of origin	US

# IA100 NOSECONE GROUPA D37M - Front adapter



2905862

<https://www.phoenixcontact.com/us/products/2905862>

## Technical data

### Product properties

Product type	Front adapter
--------------	---------------

### Electrical properties

Max. permissible operating voltage	42 V DC
Max. permissible current	1 A (per channel)

Supported controller: INVENSYS/FOXBORO I/A 100 series

Suitable I/O card	FBM01
	FBM04

### Connection data

Connection method	Nosecone connection
Number of positions	24
Connection method	D-SUB 37
Number of positions	37

### Dimensions

#### Item dimensions

Width	35 mm
Height	224.5 mm
Depth	41.7 mm

### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP00
Ambient temperature (operation)	0 °C ... 60 °C

### Mounting

Mounting position	any
-------------------	-----

### Notes

Notes on operation	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.
--------------------	--

Drawings

Connection diagram

	<b>FBM01</b>	<b>FBM04</b>	<b>D37M</b>
<b>CH1</b>	+P	+P	1
	-	-	20
	+	+	2
<b>CH2</b>	+P	+P	3
	-	-	22
	+	+	4
<b>CH3</b>	+P	+P	5
	-	-	25
	+	+	6
<b>CH4</b>	+P	+P	7
	-	-	26
	+	+	8

	<b>FBM01</b>	<b>FBM04</b>	<b>D37M</b>
<b>CH5</b>	+P		9
	-	-	28
	+	+	10
<b>CH6</b>	+P		11
	-	-	30
	+	+	12
<b>CH7</b>	+P		13
	-	-	32
	+	+	14
<b>CH8</b>	+P		15
	-	-	34
	+	+	16

# IA100 NOSECONE GROUPA D37M - Front adapter



2905862

<https://www.phoenixcontact.com/us/products/2905862>

## Classifications

### UNSPSC

UNSPSC 21.0	32151600
-------------	----------

2905862

<https://www.phoenixcontact.com/us/products/2905862>

## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	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.

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
-------------------------------------	----------------------

Phoenix Contact 2026 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)