

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

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

| | FBM01 | FBM04 | D37M |
|------------|--------------|--------------|-------------|
| CH5 | +P | | 9 |
| | - | - | 28 |
| | + | + | 10 |
| CH6 | +P | | 11 |
| | - | - | 30 |
| | + | + | 12 |
| CH7 | +P | | 13 |
| | - | - | 32 |
| | + | + | 14 |
| CH8 | +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