

## Front adapters - IA100 NOSECONE GROUPE D37M - 2905864

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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)


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
- Field wiring connection via existing "nosecone"
- D37M high density connection to replacement DCS
- DIN rail mounting
- Passive 1:1 migration of field wiring

### Key Commercial Data

|              |   |
|--------------|---|
| Packing unit | 1 pc  |
| GTIN         | <br>4 055626 045856 |
| GTIN         | 4055626045856   |

### Technical data

#### Dimensions

|        |          |
|--------|----------|
| Width  | 35 mm    |
| Height | 224.5 mm |
| Depth  | 41.7 mm  |

#### Ambient conditions

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

#### General

|                                    |                          |
|------------------------------------|--------------------------|
| Max. permissible operating voltage | 120 V AC                 |
| Max. permissible current           | 1 A (per input channel)  |
|                                    | 2 A (per output channel) |

## Front adapters - IA100 NOSECONE GROUPC D37M - 2905864

### Technical data

#### General

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

#### Connection data

|                                 |                     |
|---------------------------------|---------------------|
| Connection method               | Nosecone connection |
| Number of positions             | 32                  |
| Channels which can be connected | 16                  |

#### Connection data 2

|                                 |          |
|---------------------------------|----------|
| Connection method               | D-SUB 37 |
| Number of positions             | 37       |
| Channels which can be connected | 16       |

#### Supported controller

|                     |                                 |
|---------------------|---------------------------------|
| Controller          | Invensys/Foxboro I/A 100 series |
| - suitable I/O card | FBM10                           |
|                     | FBM15                           |

#### Environmental Product Compliance

|            |   |
|------------|---|
| REACH SVHC | Lead 7439-92-1  |
| China RoHS | Environmentally Friendly Use Period = 50  |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

### Drawings

## Front adapters - IA100 NOSECONE GROUPC D37M - 2905864

Connection diagram

|            | <b>FBM10</b> |  | <b>D37M</b> |
|------------|--------------|--|-------------|
| <b>CH1</b> | S1           |  | 1           |
|            | C            |  | 2           |
| <b>CH2</b> | S1           |  | 3           |
|            | C            |  | 4           |
| <b>CH3</b> | S1           |  | 9           |
|            | C            |  | 10          |
| <b>CH4</b> | S1           |  | 12          |
|            | C            |  | 11          |
| <b>CH5</b> | S1           |  | 35          |
|            | C            |  | 34          |
| <b>CH6</b> | S1           |  | 33          |
|            | C            |  | 32          |
| <b>CH7</b> | S1           |  | 27          |
|            | C            |  | 26          |
| <b>CH8</b> | S1           |  | 25          |
|            | C            |  | 24          |

|             | <b>FBM10</b> |  | <b>D37M</b> |
|-------------|--------------|--|-------------|
| <b>CH9</b>  | L1           |  | 5           |
|             | C            |  | 6           |
| <b>CH10</b> | L1           |  | 7           |
|             | C            |  | 8           |
| <b>CH11</b> | L1           |  | 13          |
|             | C            |  | 14          |
| <b>CH12</b> | L1           |  | 15          |
|             | C            |  | 16          |
| <b>CH13</b> | L1           |  | 31          |
|             | C            |  | 30          |
| <b>CH14</b> | L1           |  | 29          |
|             | C            |  | 28          |
| <b>CH15</b> | L1           |  | 23          |
|             | C            |  | 22          |
| <b>CH16</b> | L1           |  | 21          |
|             | C            |  | 20          |