

## Passive module - VIP-2/PT/FLK10/ROC APM - 2905320

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VARIOFACE Professional (VIP) board for the ROC800 controller

### Product Features

- These system-specific interface modules for the ROC800 controller are used in combination with the relevant system cables
- Interface from field wiring to ROC800 controller
- Compact design reduces space requirements in the control cabinet
- Field side I/O marking clearly identified when device is mounted.
- Integrated ZB marker provides per-channel labeling
- Rugged metal mounting foot allows easy DIN rail installation and removal.



### Key Commercial Data

|                                      |               |
|--------------------------------------|---------------|
| Packing unit                         | 1 pc          |
| Weight per Piece (excluding packing) | 100.0 g       |
| Country of origin                    | United States |

### Technical data

#### Dimensions

|        |         |
|--------|---------|
| Width  | 36.8 mm |
| Height | 72.1 mm |
| Depth  | 46.6 mm |

#### Ambient conditions

|   |                  |
|---|------------------|
| Ambient temperature (operation)         | -20 °C ... 50 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |

#### General

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### Technical data

#### General

|                                 |              |
|---------------------------------|--------------|
| Max. perm. operating voltage    | 60 V AC/DC   |
| Max. perm. current (per branch) | 1 A          |
| Number of positions             | 10           |
| Status display                  | No           |
| Mounting position               | any          |
| Standards/regulations           | IEC 60664    |
|                                 | DIN EN 50178 |
|                                 | IEC 62103    |
| Degree of pollution             | 2            |
| Overvoltage category            | II           |

#### Connection data for connection 1

|                                  |  |
|----------------------------------|--|
| Connection name                  | Field level                                  |
| Connection in acc. with standard | IEC / EN                                     |
| Connection method                | Push-in connection                           |
| Stripping length                 | 8 mm   |
| Conductor cross section solid    | 0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> |
| Conductor cross section flexible | 0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> |
| Conductor cross section AWG      | 26 ... 14                                    |
| Number of positions              | 10   |

#### Connection data for connection 2

|                       |                             |
|-----------------------|-----------------------------|
| Connection name       | Controller level            |
| Connection method     | IDC/FLK pin strip (2.54 mm) |
| Number of connections | 1                           |
| Number of positions   | 10                          |
| Pitch                 | 2.54 mm                     |

#### Supported controller

|                     |                |
|---------------------|----------------|
| Controller          | Emerson ROC800 |
| - suitable I/O card | ROC800 APM     |

#### Standards and Regulations

|                       |              |
|-----------------------|--------------|
| Standards/regulations | IEC 60664    |
|                       | DIN EN 50178 |
|                       | IEC 62103    |
| Degree of pollution   | 2            |
| Overvoltage category  | II           |

## Passive module - VIP-2/PT/FLK10/ROC APM - 2905320

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27250313 |
| eCl@ss 4.1 | 27250313 |
| eCl@ss 5.0 | 27250313 |
| eCl@ss 5.1 | 27250313 |
| eCl@ss 6.0 | 27242608 |
| eCl@ss 7.0 | 27141152 |
| eCl@ss 8.0 | 27141152 |
| eCl@ss 9.0 | 27141152 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC001434 |
| ETIM 3.0 | EC001604 |
| ETIM 4.0 | EC001604 |
| ETIM 5.0 | EC002780 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211824 |
| UNSPSC 7.0901 | 39121421 |
| UNSPSC 11     | 39121421 |
| UNSPSC 12.01  | 39121421 |
| UNSPSC 13.2   | 39121421 |

### Approvals

#### Approvals

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#### Approvals

UL Recognized / cUL Recognized / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted


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#### Approval details

## Passive module - VIP-2/PT/FLK10/ROC APM - 2905320

### Approvals

|   |       |
|---|-------|
| UL Recognized  |       |
| mm²/AWG/kcmil   | 26-14 |
| Nominal current I <sub>N</sub>  | 1 A   |
| Nominal voltage U <sub>N</sub>  | 60 V  |

|  |       |
|--|-------|
| cUL Recognized  |       |
| mm²/AWG/kcmil  | 26-14 |
| Nominal current I <sub>N</sub>   | 1 A   |
| Nominal voltage U <sub>N</sub>   | 60 V  |

|  |  |
|--|--|
| cULus Recognized  |  |
|--|--|

### Accessories

#### Accessories

##### System cable

Cable - VIP-CAB-FLK10/0,14/0,5M - 2318305



Assembled round cable with two molded 10-pos. socket strips (1:1 connection). The cable has a 90° punched on connector and a 180° punched on connector, cable length: 0.5 m

Cable - VIP-CAB-FLK10/0,14/1,0M - 2318318



Assembled round cable with two molded 10-pos. socket strips (1:1 connection). The cable has a 90° punched on connector and a 180° punched on connector, cable length: 1 m

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### Accessories

#### Cable - VIP-CAB-FLK10/0,14/1,5M - 2318321



Assembled round cable with two molded 10-pos. socket strips (1:1 connection). The cable has a 90° punched on connector and a 180° punched on connector, cable length: 1.5 m

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#### Cable - VIP-CAB-FLK10/0,14/2,0M - 2318334



Assembled round cable with two molded 10-pos. socket strips (1:1 connection). The cable has a 90° punched on connector and a 180° punched on connector, cable length: 2 m

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#### Cable - VIP-CAB-FLK10/0,14/3,0M - 2318347



Assembled round cable with two molded 10-pos. socket strips (1:1 connection). The cable has a 90° punched on connector and a 180° punched on connector, cable length: 3 m

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#### Cable - VIP-CAB-FLK10/0,14/4,0M - 2318350



Assembled round cable with two molded 10-pos. socket strips (1:1 connection). The cable has a 90° punched on connector and a 180° punched on connector, cable length: 4 m

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#### Cable - VIP-CAB-FLK10/0,14/6,0M - 2318363



Assembled round cable with two molded 10-pos. socket strips (1:1 connection). The cable has a 90° punched on connector and a 180° punched on connector, cable length: 6 m

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### Required add-on products

## Passive module - VIP-2/PT/FLK10/ROC APM - 2905320

### Accessories

Front adapters - FLKM 10-PA-ROC800 - 2904889

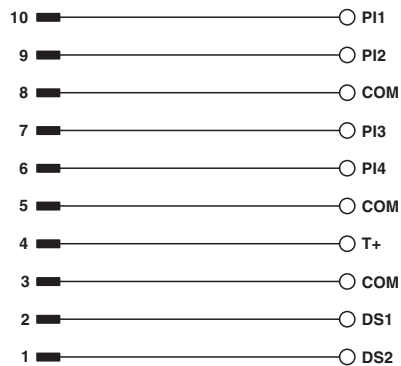


VARIOFACE front adapters for ROC800 controller

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### Drawings

Circuit diagram



Connection scheme VIP-2/.../FLK50 (1-40) /S7

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