

Passive module - VIP-3/SC/FLK14/8IM/PLC - 2322278

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>)



VARIOFACE sensor module, for connecting 8 pnp sensors

Product Features

- Can be used for digital I/O modules
- With LED as an option
- Byte-by-byte labeling
- Positive and negative connection per signal



Key commercial data

| | |
|--------------------------------------|---------------|
| Packing unit | 1 pc |
| Weight per Piece (excluding packing) | 142.8 GRM |
| Custom tariff number | 85369010 |
| Country of origin | United States |

Technical data

Dimensions

| | |
|--------|---------|
| Width | 52.3 mm |
| Height | 69 mm |
| Depth | 62 mm |

Ambient conditions

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

General

| | |
|------------------------------------|---------|
| Max. permissible operating voltage | 60 V DC |
|------------------------------------|---------|

Passive module - VIP-3/SC/FLK14/8IM/PLC - 2322278

Technical data

General

| | |
|--|--------------|
| Max. perm. current (per branch) | 1 A |
| Max. permissible current (separate power supply) | 3 A |
| Number of positions | 14 |
| Status display | No |
| Mounting position | any |
| Standards/regulations | IEC 60664 |
| | DIN EN 50178 |
| | IEC 62103 |
| Rated surge voltage | 0.6 kV |
| Pollution degree | 2 |
| Surge voltage category | II |

Connection data for connection 1

| | |
|--|---------------------|
| Connection name | Field level |
| Connection in acc. with standard | IEC / EN |
| Connection method | Screw connection |
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 4 mm ² |
| Conductor cross section stranded min. | 0.2 mm ² |
| Conductor cross section stranded max. | 2.5 mm ² |
| Conductor cross section AWG/kcmil min. | 24 |
| Conductor cross section AWG/kcmil max | 12 |
| Stripping length | 8 mm |
| Screw thread | M3 |

Connection data for connection 2

| | |
|-----------------------|-----------------------------|
| Connection name | Controller level |
| Number of connections | 1 |
| Connection method | IDC/FLK pin strip (2.54 mm) |
| Number of positions | 14 |

Supported controller

| | |
|---------------------|---------------------|
| Controller | SIEMENS S7-400 |
| - suitable I/O card | 6ES7 421-1BL01-0AA0 |
| | 6ES7 422-1BL00-0AA0 |
| | 6ES7 422-7BL00-0AB0 |
| Controller | GE-FANUC 90-30 |
| - suitable I/O card | IC693 MDL241 |
| | IC693 MDL634 |

Passive module - VIP-3/SC/FLK14/8IM/PLC - 2322278

Technical data

Supported controller

| | |
|---------------------|----------------------------|
| | IC693 MDL645 |
| | IC693 MDL646 |
| | IC693 MDL732 |
| | IC693 MDL733 |
| | IC693 MDL740 |
| | IC693 MDL741 |
| | IC693 MDL742 |
| Controller | ALLEN-BRADLEY ControlLogix |
| - suitable I/O card | 1756-IB32 |
| | 1756-OB32 |
| | 1756-IN16 |
| | 1756-IB16 |
| | 1756-IC16 |
| | 1756-OB16E |
| Controller | ALLEN-BRADLEY PLC 5 |
| - suitable I/O card | 1771 IBN |
| | 1771 OBN |
| Controller | ALLEN-BRADLEY SLC 500 |
| - suitable I/O card | 1746 OB16 |
| | 1746 OV16 |
| | 1746 OG16 |
| | 1746 IA16 |
| | 1746 ITB16 |
| | 1746 IN16 |
| | 1746 IV16 |
| | 1746 ITV16 |
| | 1746 IG16 |
| | 1746 OB 32 |
| | 1746 OV 32 |
| | 1746 IB 32 |
| | 1746 IV 32 |
| | 1746 IB16 |
| Controller | HONEYWELL PlantScape |
| - suitable I/O card | TC-IDD 321 |
| | TC-ODD 321 |
| Controller | MITSUBISHI MELSEC Q |
| - suitable I/O card | QX81 |

Passive module - VIP-3/SC/FLK14/8IM/PLC - 2322278

Technical data

Supported controller

| | |
|---------------------|--|
| | QY81P |
| | QX41 |
| | QX41-S1 |
| | QX42 |
| | QX42-S1 |
| | QX71 |
| | QX72 |
| | QY41P |
| | QY42P |
| | QY71 |
| | QH42P |
| | QX82 |
| | QX82-S1 |
| Controller | Schneider Electric MODICON TSX QUANTUM |
| - suitable I/O card | DDI 353 |
| | DDI 853 |
| | DAI 353 |
| | DAI 453 |
| | DDO 353 |
| Controller | SIEMENS S7-300 / ET 200 M |
| - suitable I/O card | CPU 313C-2DP |
| | CPU 314C-2DP |
| | CPU 314C-2PtP |
| | 6ES7 321-1BH02-0AA0 |
| | 6ES7 321-1BL00-0AA0 |
| | 6ES7 322-1BH01-0AA0 |
| | 6ES7 322-1BL00-0AA0 |
| | 6ES7 323-1BH01-0AA0 |
| | 6ES7 323-1BL00-0AA0 |
| Controller | ABB S800 I/O |
| - suitable I/O card | DI810 |
| | DI811 |
| | DI814 |
| | DI830 |
| | DI831 |
| | DI840 |
| | DO810 |

Passive module - VIP-3/SC/FLK14/8IM/PLC - 2322278

Technical data

Supported controller

| | |
|---------------------|---------------------|
| | DO814 |
| | DO840 |
| Controller | GE-FANUC RX3i |
| - suitable I/O card | IC694MDL754 |
| | IC694MDL660 |
| Controller | MITSUBISHI MELSEC L |
| - suitable I/O card | LX41C4 |
| | LX42C4 |
| | LY41NT1P |
| | LY42NT1P |
| | LY41PT1P |
| | LY42PT1P |

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 |

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 |

Passive module - VIP-3/SC/FLK14/8IM/PLC - 2322278

Approvals

Approvals


Approvals


cUL Recognized / UL Recognized / EAC / cULus Recognized

Ex Approvals


Approvals submitted

Approval details

| | |
|---|-------|
| cUL Recognized  | |
| mm ² /AWG/kcmil | 30-12 |
| Nominal current I _N | 1 A |
| Nominal voltage U _N | 125 V |

| | |
|---|-------|
| UL Recognized  | |
| mm ² /AWG/kcmil | 30-12 |
| Nominal current I _N | 1 A |
| Nominal voltage U _N | 125 V |

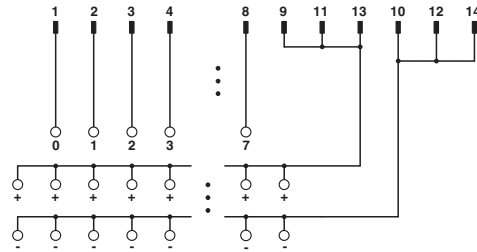
| |
|-----|
| EAC |
|-----|

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

Drawings

Passive module - VIP-3/SC/FLK14/8IM/PLC - 2322278

Circuit diagram



Connection scheme VIP-3/.../FLK14/8IM/PLC