

Passive module - VIP-3/PT/FLK14/8IM/LED/PLC - 2904281


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VARIOFACE sensor module, for connecting 8 pnp sensors, with LED



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 1 pc |
| GTIN |  4 046356 813686 |
| GTIN | 4046356813686 |

Technical data

Dimensions

| | |
|--------|---------|
| Width | 52 mm |
| Height | 75.8 mm |
| Depth | 63 mm |

Ambient conditions

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

General

| | |
|--|---------|
| Max. perm. operating voltage | 24 V DC |
| Max. perm. current (per branch) | 1 A |
| Max. permissible current (separate power supply) | 3 A |
| Number of positions | 14 |
| Status display | LED |
| Mounting position | any |

Connection data for connection 1

| | |
|----------------------------------|-------------|
| Connection name | Field level |
| Connection in acc. with standard | IEC / EN |

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Connection data for connection 1

| | |
|----------------------------------|----------------------|
| Connection method | Push-in connection |
| Stripping length | 8 mm |
| Conductor cross section solid | 0.14 mm² ... 2.5 mm² |
| Conductor cross section flexible | 0.14 mm² ... 2.5 mm² |
| Conductor cross section AWG | 24 ... 12 |

Connection data for connection 2

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

Supported controller

| | |
|---------------------|----------------------------|
| Controller | SIEMENS S7-1500 |
| - suitable I/O card | 6ES7 521-1BH00-0AB0 |
| | 6ES7 521-1BL00-0AB0 |
| | 6ES7 522-1BH00-0AB0 |
| | 6ES7 522-1BH01-0AB0 |
| | 6ES7 522-1BL00-0AB0 |
| | 6ES7 522-1BL01-0AB0 |
| Controller | ABB S800 I/O |
| - suitable I/O card | DI810 |
| | DI818 |
| | DI830 |
| | DI840 |
| | DO810 |
| | DO840 |
| Controller | ALLEN-BRADLEY ControlLogix |
| - suitable I/O card | 1756-IB32 |
| | 1756-OB32 |
| | 1756-IB16 |
| | 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 IB16 |
| | 1746 ITB16 |
| | 1746 IN16 |
| | 1746 OB 32 |

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Technical data

Supported controller

| | |
|---------------------|-----------------------------|
| | 1746 IB 32 |
| Controller | GE-FANUC 90-30 |
| - suitable I/O card | IC693 MDL241 |
| | IC693 MDL634 |
| | IC693 MDL634 |
| | IC693 MDL646 |
| | IC693 MDL732 |
| | IC693 MDL740 |
| | IC693 MDL742 |
| Controller | GE-FANUC RX3i |
| - suitable I/O card | IC694MDL754 |
| | IC694MDL660 |
| Controller | HONEYWELL Experion PKS C200 |
| - suitable I/O card | TC-IDD 321 |
| | TC-ODD 321 |
| Controller | MITSUBISHI MELSEC L |
| - suitable I/O card | LX41C4 |
| | LX42C4 |
| | LY41NT1P |
| | LY42NT1P |
| | LY41PT1P |
| | LY42PT1P |
| Controller | MITSUBISHI MELSEC Q |
| - suitable I/O card | QX81 |
| | QY81P |
| | QX41 |
| | QX41-S1 |
| | QX42 |
| | QX42-S1 |
| | QY41P |
| | QY42P |
| | QH42P |
| | QX82 |
| | QX82-S1 |
| | QY82P |
| Controller | SIEMENS S7-300 / ET 200 M |
| - suitable I/O card | CPU 313C-2DP |
| | CPU 314C-2DP |
| | CPU 314C-2PtP |
| | 6ES7 321-1BH02-0AA0 |

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Supported controller

| | |
|---------------------|--|
| | 6ES7 321-1BL00-0AA0 |
| | 6ES7 322-1BH01-0AA0 |
| | 6ES7 322-1BL00-0AA0 |
| | 6ES7 323-1BH01-0AA0 |
| | 6ES7 323-1BL00-0AA0 |
| Controller | SIEMENS S7-400 |
| - suitable I/O card | 6ES7 421-1BL01-0AA0 |
| | 6ES7 422-1BL00-0AA0 |
| | 6ES7 422-7BL00-0AB0 |
| Controller | Schneider Electric Modicon TSX QUANTUM |
| - suitable I/O card | DDI 353 |
| | DDI 853 |
| | DDO 353 |

Standards and Regulations

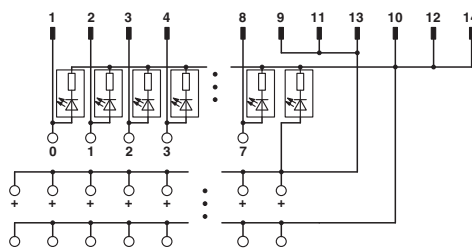
| | |
|--|--------------|
| Connection in acc. with standard | CSA |
| Standards/regulations | IEC 60664 |
| | DIN EN 50178 |
| Rated surge voltage | 0.6 kV |
| Degree of pollution | 2 |
| Overvoltage category | II |
| Flammability rating according to UL 94 | V0 |

Environmental Product Compliance

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

Drawings

Circuit diagram



Approvals

Approvals

Passive module - VIP-3/PT/FLK14/8IM/LED/PLC - 2904281


Approvals


Approvals


CSA / UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized

Ex Approvals


Approval details

| | | | |
|----------------------------|---|---|---------|
| CSA |  | http://www.csagroup.org/services-industries/product-listing/ | 2122203 |
| Nominal voltage UN | | 24 V | |
| Nominal current IN | | 1 A | |
| mm ² /AWG/kcmil | | 26-14 | |

| | | | |
|----------------------------|---|---|---------------|
| UL Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 238705 |
| Nominal voltage UN | | 24 V | |
| Nominal current IN | | 1 A | |
| mm ² /AWG/kcmil | | 26-14 | |

| | | | |
|----------------------------|---|---|---------------|
| cUL Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 238705 |
| Nominal voltage UN | | 24 V | |
| Nominal current IN | | 1 A | |
| mm ² /AWG/kcmil | | 26-14 | |

| | | |
|-----|---|---------------|
| EAC |  | EAC-Zulassung |
|-----|---|---------------|

| | | |
|-----|---|--------------------------|
| EAC |  | RU C- DE.A*30.B.01742 |
|-----|---|--------------------------|

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Approvals

cULus Recognized



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