

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

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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
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### 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 <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
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

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## Approvals

### Approvals

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#### Approvals

cUL Recognized / UL Recognized / EAC / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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### Approval details

cUL Recognized	
mm <sup>2</sup> /AWG/kcmil	30-12
Nominal current I <sub>N</sub>	1 A
Nominal voltage U <sub>N</sub>	125 V

UL Recognized	
mm <sup>2</sup> /AWG/kcmil	30-12
Nominal current I <sub>N</sub>	1 A
Nominal voltage U <sub>N</sub>	125 V

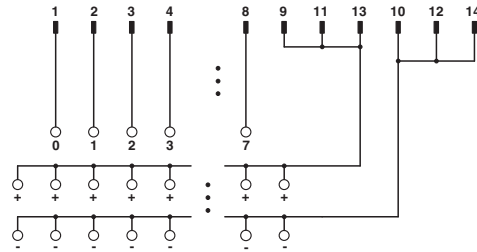
EAC
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cULus Recognized
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## Drawings

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

Circuit diagram



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