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

package_quantity	1
GTIN	4046356450997

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

Nominal voltage U_N	60 V DC
Max. current carrying capacity per branch	1 A
Max. total current of voltage supply	3 A
Number of positions	14
Status display	No
Mounting position	Any
Standards/regulations	IEC 60664
Standards/regulations	DIN EN 50178
Standards/regulations	IEC 62103

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Technical data

General

Pollution degree	2
Surge voltage category	II
Rated surge voltage	0.6 kV

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 mm²
Conductor cross section solid max.	4 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	2.5 mm²
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	Control system level
Number of connections	1
Connection method	IDC/FLK pin strip (2.54 mm)
Number of positions	14

Supported controller

Control	SIEMENS S7-400
- suitable I/O card	6ES7 421-1BL01-0AA0
- suitable I/O card	6ES7 422-1BL00-0AA0
- suitable I/O card	6ES7 422-7BL00-0AB0
Control	GE-FANUC 90-30
- suitable I/O card	IC693 MDL241
- suitable I/O card	IC693 MDL634
- suitable I/O card	IC693 MDL645
- suitable I/O card	IC693 MDL646
- suitable I/O card	IC693 MDL732
- suitable I/O card	IC693 MDL733
- suitable I/O card	IC693 MDL740
- suitable I/O card	IC693 MDL741
- suitable I/O card	IC693 MDL742
Control	ALLEN-BRADLEY ControlLogix
- suitable I/O card	1756-IB32
- suitable I/O card	1756-OB32
- suitable I/O card	1756-IN16
- suitable I/O card	1756-IB16

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Supported controller

- suitable I/O card	1756-IC16
- suitable I/O card	1756-OB16E
Control	ALLEN-BRADLEY PLC 5
- suitable I/O card	1771 IBN
- suitable I/O card	1771 OBN
Control	ALLEN-BRADLEY SLC 500
- suitable I/O card	1746 OB16
- suitable I/O card	1746 OV16
- suitable I/O card	1746 OG16
- suitable I/O card	1746 IA16
- suitable I/O card	1746 ITB16
- suitable I/O card	1746 IN16
- suitable I/O card	1746 IV16
- suitable I/O card	1746 ITV16
- suitable I/O card	1746 IG16
- suitable I/O card	1746 OB 32
- suitable I/O card	1746 OV 32
- suitable I/O card	1746 IB 32
- suitable I/O card	1746 IV 32
- suitable I/O card	1746 IB16
Control	HONEYWELL PlantScape
- suitable I/O card	TC-IDD 321
- suitable I/O card	TC-ODD 321
Control	MITSUBISHI MELSEC Q
- suitable I/O card	QX81
- suitable I/O card	QY81P
- suitable I/O card	QX41
- suitable I/O card	QX41-S1
- suitable I/O card	QX42
- suitable I/O card	QX42-S1
- suitable I/O card	QX71
- suitable I/O card	QX72
- suitable I/O card	QY41P
- suitable I/O card	QY42P
- suitable I/O card	QY71
- suitable I/O card	QH42P
- suitable I/O card	QX82
- suitable I/O card	QX82-S1
Control	Schneider Electric MODICON TSX QUANTUM
- suitable I/O card	DDI 353
- suitable I/O card	DDI 853

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Supported controller

- suitable I/O card	DAI 353
- suitable I/O card	DAI 453
- suitable I/O card	DDO 353
Control	SIEMENS S7-300 / ET 200 M
- suitable I/O card	CPU 313C-2DP
- suitable I/O card	CPU 314C-2DP
- suitable I/O card	CPU 314C-2PtP
- suitable I/O card	6ES7 321-1BH02-0AA0
- suitable I/O card	6ES7 321-1BL00-0AA0
- suitable I/O card	6ES7 322-1BH01-0AA0
- suitable I/O card	6ES7 322-1BL00-0AA0
- suitable I/O card	6ES7 323-1BH01-0AA0
- suitable I/O card	6ES7 323-1BL00-0AA0
Control	ABB S800 I/O
- suitable I/O card	DI810
- suitable I/O card	DI811
- suitable I/O card	DI814
- suitable I/O card	DI830
- suitable I/O card	DI831
- suitable I/O card	DI840
- suitable I/O card	DO810
- suitable I/O card	DO814
- suitable I/O card	DO840
Control	GE-FANUC RX3i
- suitable I/O card	IC694MDL754
- suitable I/O card	IC694MDL660
Control	MITSUBISHI MELSEC L
- suitable I/O card	LX41C4
- suitable I/O card	LX42C4
- suitable I/O card	LY41NT1P
- suitable I/O card	LY42NT1P
- suitable I/O card	LY41PT1P
- suitable I/O card	LY42PT1P

classifications

eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313
eCl@ss 5.0	27250313
eCl@ss 5.1	27250313

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classifications

eCl@ss

eCl@ss 6.0	27242608
eCl@ss 7.0	27242608
eCl@ss 8.0	27242608

ETIM

ETIM 2.0	EC001434
ETIM 3.0	EC001604
ETIM 4.0	EC001604
ETIM 5.0	EC001604

UNSPSC

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

approvals

cUL Recognized /

Approval details

cUL Recognized

Nominal voltage UN	125 V
Nominal current IN	1 A
mm²/AWG/kcmil	30-12

Drawings

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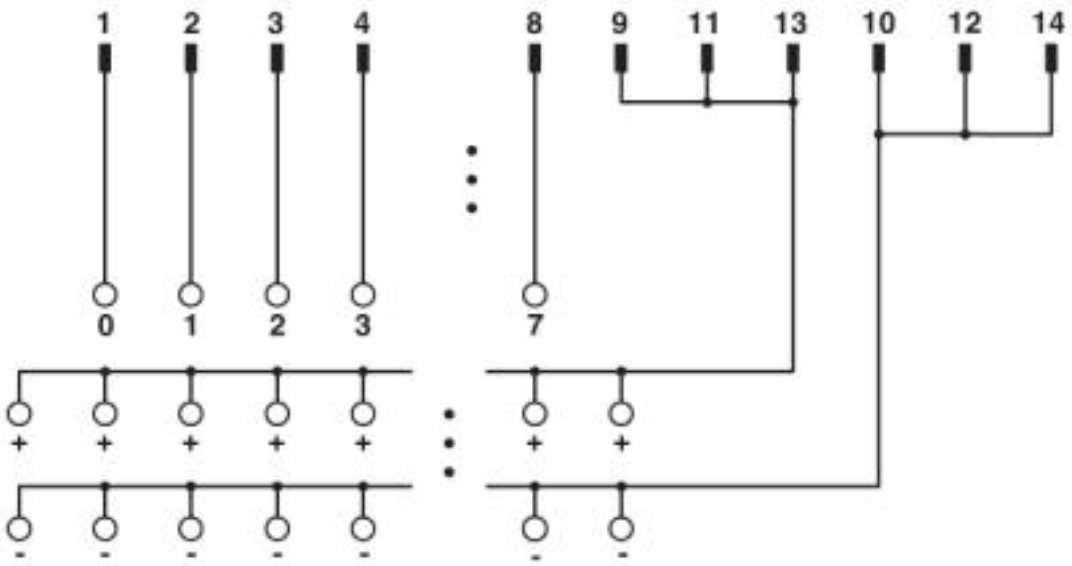
Circuit diagram



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