

# Passive module - FLKMS 50/32IM/PLC - 2284523

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VARIOFACE sensor module, for connecting 32 p-n-p sensors

The illustration shows version FLKMS 50/32IM/LA/PLC

## Product Features

- With LED as an option
- For 32 channels
- Positive and negative connection per signal
- Byte-by-byte labeling



## Key commercial data

package_quantity	1
GTIN	4017918055691

## Technical data

### Dimensions

Width	180 mm
Height	90 mm
Depth	81 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	2 A (per byte)
Number of positions	50
Status display	No
Test voltage	500 V (50 Hz, 1 min.)
Mounting position	Any
Standards/regulations	IEC 60664

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## Technical data

### General

Standards/regulations	DIN EN 50178
Standards/regulations	IEC 62103
Pollution degree	2
Surge voltage category	II
Rated surge voltage	0.8 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 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	Control system level
Number of connections	1
Connection method	IDC/FLK pin strip (2.54 mm)
Number of positions	50

### 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	ALLEN-BRADLEY ControlLogix
- suitable I/O card	1756-IB32
- suitable I/O card	1756-OB32
Control	ALLEN-BRADLEY PLC 5
- suitable I/O card	1771 IBN
- suitable I/O card	1771 OBN
Control	HONEYWELL PlantScape
- suitable I/O card	TC-IDD 321
- suitable I/O card	TC-ODD 321
Control	MITSUBISHI MELSEC L
- suitable I/O card	LX41C4
- suitable I/O card	LX42C4
- suitable I/O card	LY41NT1P

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### Technical data

#### Supported controller

- suitable I/O card	LY42NT1P
- suitable I/O card	LY41PT1P
- suitable I/O card	LY42PT1P
<b>Control</b>	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
<b>Control</b>	Schneider Electric MODICON TSX QUANTUM
- suitable I/O card	DDI 353
- suitable I/O card	DDI 853
- suitable I/O card	DAI 353
- suitable I/O card	DAI 453
- suitable I/O card	DDO 353
<b>Control</b>	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 321-1BL00-0AA0
- suitable I/O card	6ES7 322-1BL00-0AA0
- suitable I/O card	6ES7 323-1BL00-0AA0
- suitable I/O card	CPU 313C
- suitable I/O card	CPU 313C-2PtP
<b>Control</b>	GE-FANUC RX3i
- suitable I/O card	IC694MDL754
- suitable I/O card	IC694MDL660

### classifications

#### eCl@ss

eCl@ss 4.0	27250313
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## classifications

### eCl@ss

eCl@ss 4.1	27250313
eCl@ss 5.0	27250313
eCl@ss 5.1	27250313
eCl@ss 6.0	27371601
eCl@ss 7.0	27371601
eCl@ss 8.0	27371601

### ETIM

ETIM 2.0	EC001437
ETIM 3.0	EC001437
ETIM 4.0	EC001437
ETIM 5.0	EC001437

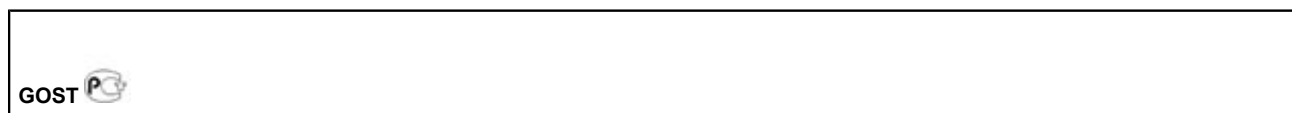
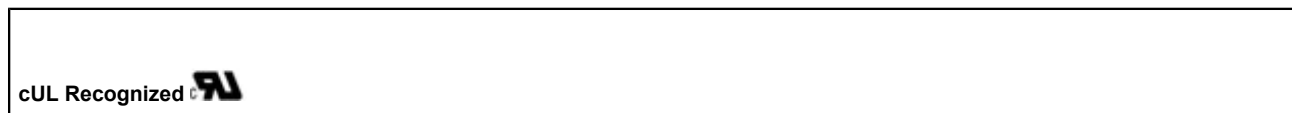
### UNSPSC

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

## approvals

UL Recognized / cUL Recognized / GOST / cULus Recognized /

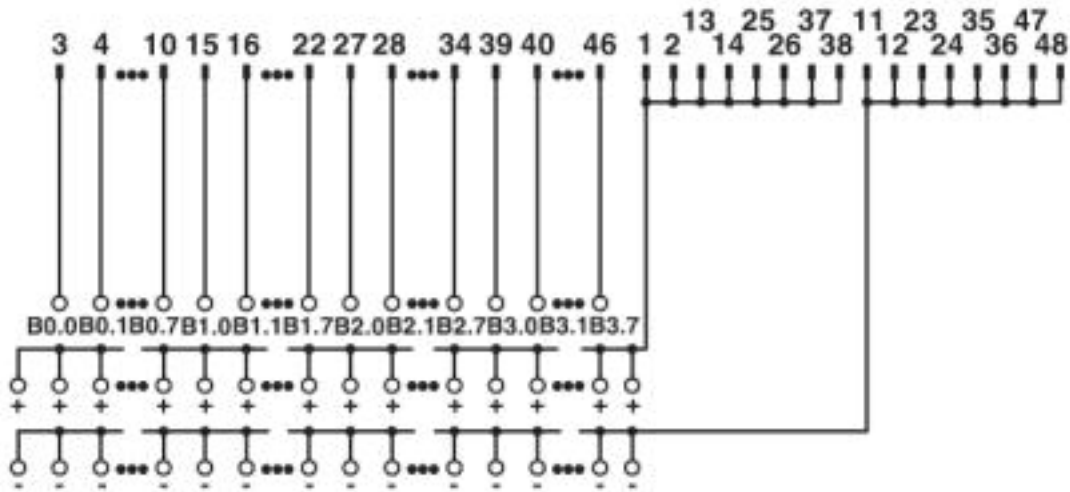
### Approval details



## Drawings

# Passive module - FLKMS 50/32IM/PLC - 2284523

Circuit diagram



Connection scheme: FLKMS 50/32IM/PLC, ...50/32IM/ZFKDS/PLC

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