

## Passive module - VIP-2/SC/FLK16/ISP 4AO 4-20MA - 2903870

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VARIOFACE Professional (VIP) module for Siemens ET200 ISP controllers. Interface to HART analog output, 4 channel. 125 V AC/DC, 1 A rating.

### Why buy this product

- Interface from field devices to HART® analog output 6ES7135-7TD00-0AB0 card
- Integrated ZB channel allows flexible marking of device
- I/O marking for field wiring clearly identified when device is mounted
- Compact design reduces space requirements in the control cabinet
- A single, metal mounting foot allows easy installation and removal to the mounting rail



### Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 827553
GTIN	4046356827553
Weight per Piece (excluding packing)	100.000 g
Custom tariff number	85369010
Country of origin	United States

### Technical data

#### Dimensions

Width	45 mm
Height	65.5 mm
Depth	56 mm

#### Ambient conditions

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

#### General

Max. perm. operating voltage	60 V AC/DC
Max. perm. current (per branch)	1 A

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## Technical data

### General

Number of positions	16
Status display	No

### Connection data for connection 1

Connection name	Field level
Connection in acc. with standard	IEC / EN
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M 3
Conductor cross section solid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section AWG	24 ... 12

### Connection data for connection 2

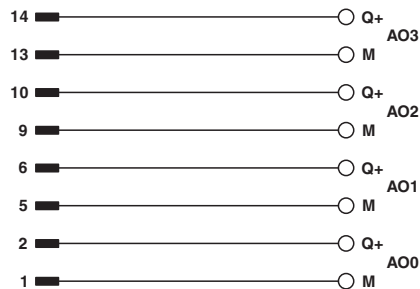
Connection name	Controller level
Connection method	IDC/FLK pin strip
Number of connections	1
Number of positions	16
Pitch	2.54 mm

### Supported controller

Controller	Siemens ET200 ISP
- suitable I/O card	6ES7135-7TD00-0AB0

## Drawings

Circuit diagram



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## 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 7.0	27141152
eCl@ss 8.0	27141152
eCl@ss 9.0	27141152

### ETIM

ETIM 4.0	EC002780
ETIM 5.0	EC002780
ETIM 6.0	EC002780

### UNSPSC

UNSPSC 6.01	30211824
UNSPSC 7.0901	39121421
UNSPSC 11	39121421
UNSPSC 12.01	39121421
UNSPSC 13.2	39121432

## Approvals


### Approvals

#### Approvals

CSA / UL Recognized / cUL Recognized / cULus Recognized

#### Ex Approvals

### Approval details

CSA		<a href="http://www.csagroup.org/services/testing-and-certification/certified-product-listing/">http://www.csagroup.org/services/testing-and-certification/certified-product-listing/</a>	2122203
mm <sup>2</sup> /AWG/kcmil		30-12	
Nominal current I <sub>N</sub>		1 A	

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Nominal voltage UN	125 V
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UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 238705
mm <sup>2</sup> /AWG/kcmil	30-12		
Nominal current IN	1 A		
Nominal voltage UN	125 V		

cUL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 238705
mm <sup>2</sup> /AWG/kcmil	30-12		
Nominal current IN	1 A		
Nominal voltage UN	125 V		

cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>
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### Accessories

#### Accessories

#### System cable

Cable - VIP-CAB-FLK16/0,14/0,5M - 2318460

Round cable set; Connection 1: IDC/FLK socket strip (1x 16-position, 180 °-Out put); Connection 2: IDC/FLK socket strip (1x 16-position, 90 °-Out put); Cable length: 0.5 m



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#### Cable - VIP-CAB-FLK16/0,14/1,0M - 2318473



Round cable set; Connection 1: IDC/FLK socket strip (1x 16-position, 180 °-Out put); Connection 2: IDC/FLK socket strip (1x 16-position, 90 °-Out put); Cable length: 1 m

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#### Cable - VIP-CAB-FLK16/0,14/1,5M - 2318486



Round cable set; Connection 1: IDC/FLK socket strip (1x 16-position, 180 °-Out put); Connection 2: IDC/FLK socket strip (1x 16-position, 90 °-Out put); Cable length: 1.5 m

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#### Cable - VIP-CAB-FLK16/0,14/2,0M - 2318499



Round cable set; Connection 1: IDC/FLK socket strip (1x 16-position, 180 °-Out put); Connection 2: IDC/FLK socket strip (1x 16-position, 90 °-Out put); Cable length: 2 m

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#### Cable - VIP-CAB-FLK16/0,14/3,0M - 2318509



Round cable set; Connection 1: IDC/FLK socket strip (1x 16-position, 180 °-Out put); Connection 2: IDC/FLK socket strip (1x 16-position, 90 °-Out put); Cable length: 3 m

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#### Cable - VIP-CAB-FLK16/0,14/4,0M - 2318512



Round cable set; Connection 1: IDC/FLK socket strip (1x 16-position, 180 °-Out put); Connection 2: IDC/FLK socket strip (1x 16-position, 90 °-Out put); Cable length: 4 m

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### Accessories

#### Cable - VIP-CAB-FLK16/0,14/6,0M - 2318525



Round cable set; Connection 1: IDC/FLK socket strip (1x 16-position, 180 °-Out put); Connection 2: IDC/FLK socket strip (1x 16-position, 90 °-Out put); Cable length: 6 m

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#### Cable - VIP-CAB-FLK16-0,14/... - 2318538



Round cable set; Connection 1: IDC/FLK socket strip (1x 16-position, 180 °-Out put); Connection 2: IDC/FLK socket strip (1x 16-position, 90 °-Out put); Cable length: Variable

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#### Cable - FLK 16/EZ-DR/ 50/KONFEK - 2299291



Round cable set; Connection 1: IDC/FLK socket strip (1x 16-position); Connection 2: IDC/FLK socket strip (1x 16-position); Cable length: 0.5 m

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#### Cable - FLK 16/EZ-DR/ 100/KONFEK - 2299301



Round cable set; Connection 1: IDC/FLK socket strip (1x 16-position); Connection 2: IDC/FLK socket strip (1x 16-position); Cable length: 1 m

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#### Cable - FLK 16/EZ-DR/ 150/KONFEK - 2299314



Round cable set; Connection 1: IDC/FLK socket strip (1x 16-position); Connection 2: IDC/FLK socket strip (1x 16-position); Cable length: 1.5 m

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### Accessories

#### Cable - FLK 16/EZ-DR/ 200/KONFEK - 2299327



Round cable set; Connection 1: IDC/FLK socket strip (1x 16-position); Connection 2: IDC/FLK socket strip (1x 16-position); Cable length: 2 m

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#### Cable - FLK 16/EZ-DR/ 300/KONFEK - 2299330



Round cable set; Connection 1: IDC/FLK socket strip (1x 16-position); Connection 2: IDC/FLK socket strip (1x 16-position); Cable length: 3 m

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#### Cable - FLK 16/EZ-DR/ 400/KONFEK - 2299343



Round cable set; Connection 1: IDC/FLK socket strip (1x 16-position); Connection 2: IDC/FLK socket strip (1x 16-position); Cable length: 4 m

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#### Cable - FLK 16/EZ-DR/ 600/KONFEK - 2299356



Round cable set; Connection 1: IDC/FLK socket strip (1x 16-position); Connection 2: IDC/FLK socket strip (1x 16-position); Cable length: 6 m

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#### Cable - FLK 16/EZ-DR/ 800/KONFEK - 2299369



Round cable set; Connection 1: IDC/FLK socket strip (1x 16-position); Connection 2: IDC/FLK socket strip (1x 16-position); Cable length: 8 m

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### Accessories

Cable - FLK 16/EZ-DR/1000/KONFEK - 2299372



Round cable set; Connection 1: IDC/FLK socket strip (1x 16-position); Connection 2: IDC/FLK socket strip (1x 16-position); Cable length: 10 m

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Cable - FLK EZ-DR.../.../... - 2295059



Round cable, with preassembly, not shielded, variable cable length

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Cable - FLK 16/EZ-DR/ 100/KONFEK/S - 2304542



Assembled shielded round cable; Connection 1: IDC/FLK socket strip (1x 16-position); Connection 2: IDC/FLK socket strip (1x 16-position); Cable length: 1 m

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Cable - FLK 16/EZ-DR/ 150/KONFEK/S - 2304623



Assembled shielded round cable; Connection 1: IDC/FLK socket strip (1x 16-position); Connection 2: IDC/FLK socket strip (1x 16-position); Cable length: 1.5 m

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Cable - FLK 16/EZ-DR/ 200/KONFEK/S - 2304555



Assembled shielded round cable; Connection 1: IDC/FLK socket strip (1x 16-position); Connection 2: IDC/FLK socket strip (1x 16-position); Cable length: 2 m

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### Accessories

Cable - FLK 16/EZ-DR/ 300/KONFEK/S - 2318088



Assembled shielded round cable; Connection 1: IDC/FLK socket strip (1x 16-position); Connection 2: IDC/FLK socket strip (1x 16-position); Cable length: 3 m

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Cable - FLK 16/EZ-DR/ 400/KONFEK/S - 2318091



Assembled shielded round cable; Connection 1: IDC/FLK socket strip (1x 16-position); Connection 2: IDC/FLK socket strip (1x 16-position); Cable length: 4 m

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Cable - FLK 16/EZ-DR/ 500/KONFEK/S - 2318965



Assembled shielded round cable; Connection 1: IDC/FLK socket strip (1x 16-position); Connection 2: IDC/FLK socket strip (1x 16-position); Cable length: 5 m

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Cable - FLK 16/EZ-DR/ 600/KONFEK/S - 2314477



Assembled shielded round cable; Connection 1: IDC/FLK socket strip (1x 16-position); Connection 2: IDC/FLK socket strip (1x 16-position); Cable length: 6 m

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Cable - FLK EZ-DR-S.../.../... - 2295046



Round cable, with preassembly, shielded, variable cable length

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### Terminal marking

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### Accessories

#### Marker for terminal blocks - UC-TM 4 - 0818111



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK CLED, BLUEMARK LED, CMS-P1-PLOTTER, PLOTMARK, Mounting type: Snap into tall marker groove, for terminal block width: 4.2 mm, Lettering field: 3.6 x 10.5 mm

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#### Marker for terminal blocks - UC-TM 6 - 0818085



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK CLED, BLUEMARK LED, CMS-P1-PLOTTER, PLOTMARK, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 5.6 x 10.5 mm

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#### Zack marker strip - ZB 5,08:UNBEDRUCKT - 0809793



Zack marker strip, Strip, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, Mounting type: Snap into tall marker groove, for terminal block width: 5.08 mm, Lettering field: 4.98 x 10.5 mm

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#### Zack marker strip - ZB 22:UNBEDRUCKT - 0811862



Zack marker strip, Strip, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, Mounting type: Snap into tall marker groove, for terminal block width: 22 mm, Lettering field: 10.5 x 21.8 mm