

# FLKM-M12/F/5P/SCO - Interface module

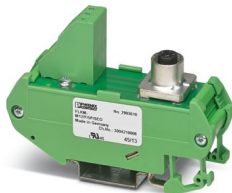


2903610

<https://www.phoenixcontact.com/us/products/2903610>

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VARIOFACE module, with spring-cage terminal blocks and M12-SAC socket, 5-pos.



## Commercial data

Item number	2903610
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	NULL
Product key	CK2A89
GTIN	4046356753043
Weight per piece (including packing)	53.922 g
Weight per piece (excluding packing)	52.28 g
Customs tariff number	85369010
Country of origin	DE

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## Technical data

### Product properties

Product type	Interface module
Product family	VARIOFACE
Number of positions	5

### Data management status

Article revision	05
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### Insulation characteristics: Air clearances and creepage distances

Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

### Electrical properties

Operating voltage (AC)	$\leq 30 \text{ V AC}$
Operating voltage (DC)	$\leq 30 \text{ V DC}$
Current (per branch)	$\leq 4 \text{ A}$

### Air clearances and creepage distances

Rated insulation voltage	50 V
Rated surge voltage	0.5 kV (1.2/50 $\mu\text{s}$ )

### Connection data

#### Connection 1

Connection in acc. with standard	IEC 61076-2-101
Connection method	Female
Type	M12
Number of connections	1
Number of positions	5

#### Connection 2

Connection method	Spring-cage connection
Stripping length	7.5 mm
Number of positions	6
Conductor cross section rigid	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
	0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> (Ferrule without plastic sleeve)
	0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> (Ferrule with plastic sleeve)
Conductor cross section AWG	24 ... 14
Pitch	5.08 mm

### Signaling

Status display present	No
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## Dimensions

### Item dimensions

Width	26 mm
Height	89.6 mm
Depth	60.5 mm

## Material specifications

Color	green (RAL 6021)
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection (Module)	IP00
Degree of protection (Installation location)	≥ IP54
Ambient temperature (operation)	-20 °C ... 55 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Altitude	≤ 2000 m

## Approvals

### UKCA

Certificate	UKCA-compliant
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## Standards and regulations

### Air clearances and creepage distances

Standards/regulations	EN IEC 60664-1
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## Mounting

Mounting type	DIN rail mounting
Mounting position	any

## Notes

Notes on operation	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.
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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2903610>

 <b>cUL Recognized</b> Approval ID: E238705				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	24 V	4 A	-	-

 <b>UL Recognized</b> Approval ID: E238705				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	24 V	4 A	-	-

<b>cULus Recognized</b>				
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## Classifications

### ECLASS

ECLASS-11.0	27141152
ECLASS-12.0	27141152
ECLASS-13.0	27141152

### ETIM

ETIM 9.0	EC002780
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)
China RoHS	
Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.
EU REACH SVHC	
REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	419b8be7-6371-43d2-9dfb-3f6aa5388c88
EF3.0 Climate Change	
CO2e kg	0.347 kg CO2e

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