FLKM 14-PA/GE/DO - Front adapter

2290009

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VARIOFACE front adapter, for GE-FANUC series 90-30, 2 x 8 channels can be connected, digital output

Your advantages

- Preassembled system cables are connected directly to I/O modules using the front adapters

Commercial data

Item number	2290009
Packing unit	2 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C421
Product key	DK231G
GTIN	4017918057909
Weight per piece (including packing)	60.4 g
Weight per piece (excluding packing)	38.87 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Product properties

Product type	Front adapter
Product family	VARIOFACE

Insulation characteristics: Air clearances and creepage distances

Insulation	Functional insulation
Overvoltage category	II
Pollution degree	2

Electrical properties

Operating voltage (AC)	≤ 30 V AC
Operating voltage (DC)	≤ 60 V DC
Nominal operating mode	100% operating factor
Current (per branch)	≤ 1 A
Current (Voltage supply via IDC/FLK)	≤ 3 A
Current (Voltage supply via A+, B+)	≤ 4 A

Air clearances and creepage distances

Rated insulation voltage	63 V
Rated surge voltage	0.6 kV (1.2/50 µs)

Supported controller: GE-FANUC 90-30

Suitable I/O card	IC693 MDL732
	IC693 MDL733
	IC693 MDL740
	IC693 MDL741
	IC693 MDL742
	IC693 ALG220
	IC693 ALG221
	IC693 ALG222
	IC693 ALG223
	IC693 ALG390
	IC693 ALG391
	IC693 ALG392
	IC693 ALG442

Connection data

Connection 1 (control level)

Connection method	Plug-in connection
Number of positions	20

Connection 2 (field level)

Connection in acc. with standard	IEC 60603-13

Connection method	IDC/FLK pin strip
Number of connections	2
Number of positions	14
Insertion/withdrawal cycles	> 50
Pitch	2.54 mm

Connection 3 (supply)

Connection method	Spade connection
Number of positions	2
Note	2,8 x 0,8

Environmental and real-life conditions

Ambient conditions

Degree of protection (Module)	IP00
Degree of protection (Installation location)	≥ IP54
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Altitude	≤ 2000 m

Standards and regulations

Air clearances and creepage distances

Standards/regulations	EN IEC 60664-1

Mounting

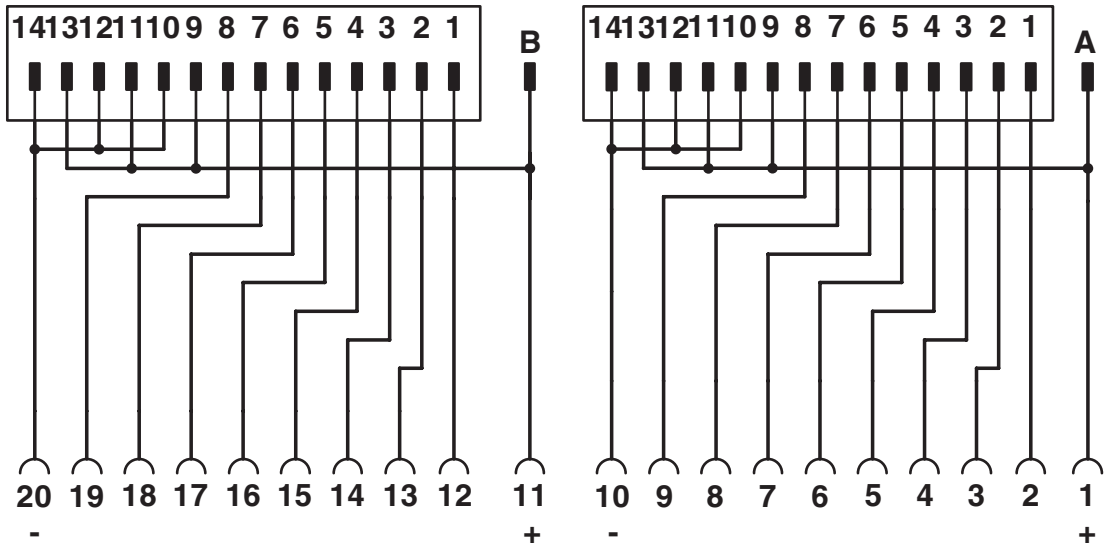
Mounting type	Plug-in mounting
Mounting position	any

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.

Drawings

Circuit diagram



Connection scheme FLKM 14-PA/GE/DO

Classifications

ECLASS

ECLASS-13.0	27242292

ETIM

ETIM 9.0	EC002584

UNSPSC

UNSPSC 21.0	32151600

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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