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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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VARIOFACE System Cabling

Front Adapter for the INLINE Automation System

FLKM 14-PA-INLINE/...

1. Short Description

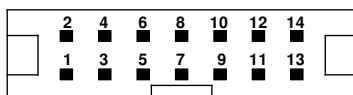
The front adapters are used to connect pre-assembled system cables directly to INLINE and are simply plugged into the relevant INLINE terminals. Two connection options are available:

- Transfer of 2 x 8 channels via two 14-pos. system cables
 - Transfer of 4 x 8 channels via four 14-pos. system cables
- Tailor-made VARIOFACE controller boards complete this system concept.



Wiring of a 16-channel INLINE terminal with front adapter, system cables, and VARIOFACE modules.

Pin assignment: 14-pos. flat-ribbon cable male connector



FLKM 14-PA-INLINE/IN16

1 = bit 0	5 = bit 4	9, 11, 13 = "+"
2 = bit 1	6 = bit 5	10, 12, 14 = "-"
3 = bit 2	7 = bit 6	
4 = bit 3	8 = bit 7	

FLKM 14-PA-INLINE/OUT16

1 = bit 0	5 = bit 4	9, 11, 13 = N.C.
2 = bit 1	6 = bit 5	10, 12, 14 = "-"
3 = bit 2	7 = bit 6	
4 = bit 3	8 = bit 7	

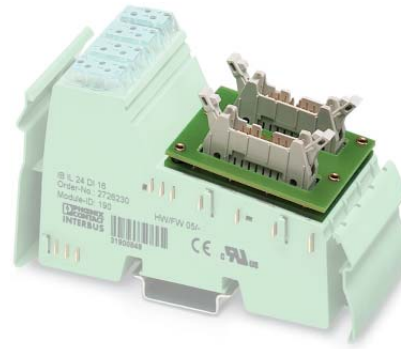
FLKM 14-PA-INLINE/32

1 = bit 0	5 = bit 4	9, 11, 13 = N.C.
2 = bit 1	6 = bit 5	10, 12, 14 = N.C.
3 = bit 2	7 = bit 6	
4 = bit 3	8 = bit 7	

Note on the power supply:

The external power supply for the INLINE terminals is provided by power and segment terminals. For INLINE output terminals, a separate supply with U_M/U_S must be provided at the connected VARIOFACE module.

2. Technical Data



Note:
For pre-assembled cables, please refer to the INTERFACE catalog

FLKM 14-PA-INLINE/... front adapter for INLINE

Flat-ribbon cable male connector according to IEC 603-1/DIN 41 651
Number of poles: 2 x 14 (FLKM 14-PA-INLINE/...16)
4 x 14 (FLKM 14-PA-INLINE/32)

Description	Cable Length [m]
VARIOFACE front adapter for 16-channel INLINE terminals	Input IB IL 24 DI 16 Output IB IL 24 DO 16
VARIOFACE front adapter for 32-channel INLINE terminals	Input IB IL 24 DI 32/HD Output IB IL 24 DO 32/HD

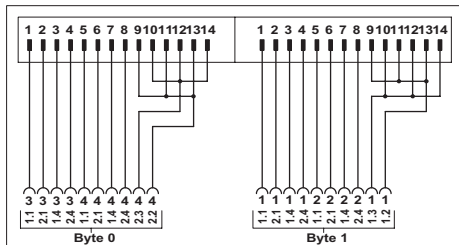
Type	Order No.	Pcs. Pkt.
FLKM 14-PA-INLINE/IN16	23 02 75 1	1
FLKM 14-PA-INLINE/OUT16	23 02 76 4	1
FLKM 14-PA-INLINE/32	23 02 77 7	1

Technical Data

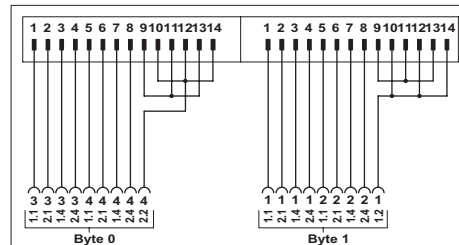
Maximum permissible operating voltage
Maximum permissible current (per branch)
Test voltage (contact/contact)
Ambient operating temperature range
Standards/specifications

60 V AC/DC
1 A
0.5 kV, 50 Hz, 60 s
-25°C to +55°C (-13°F to +131°F)
IEC 60 664/IEC 60 664 A/DIN VDE 0110, DIN VDE 0160 (in parts)

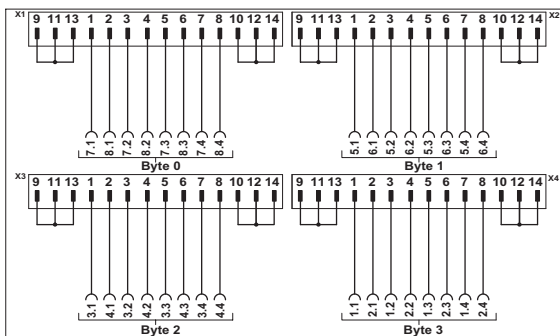
Connection diagram for FLKM 14-PA-INLINE/IN16





Connection diagram for FLKM 14-PA-INLINE/OUT16



Connection diagram for FLKM 14-PA-INLINE/32



Key:
 14-pos. flat-ribbon cable strip
 Connection to INLINE terminal points
 E.g., 4 = slot 4, 1.1 = terminal point 1.1