

SIEMENS

Product data sheet

6AV3688-3AF37-0AX0


SIMATIC HMI KP8F PN, KEY PANEL,
8 SHORT-STROKE KEYS WITH MULTI-COLOR
LED'S,
PROFINET INTERFACE WITH PROFISAFE,
8 DI/DO AND 2 SAFETY DI PINS,
24V DC LOOP THROUGH CONFIGURABLE WITH
STEP7 V5.5 AND LATER

Control elements	
Operating options	Keys
Function keys, programmable	8 function keys
Type of output	
Color modes for LED	5
Digital inputs	
integrated channels (DI)	8 ; 8 pins can be used either as input or output
Digital outputs	
integrated channels (DO)	8 ; 8 pins can be used either as input or output
Interfaces	
Industrial Ethernet	
Industrial Ethernet interface	2 x Ethernet (RJ45)
Number of Industrial Ethernet interfaces	2
Protocols	
PROFINET	Yes

Supports protocol for PROFINET IO	Yes
Protocols (Ethernet)	
TCP/IP	No
Further protocols	
PROFIBUS	No
MPI	No
AS-i	No
CAN	No
INTERBUS	No
EIB	No
MODBUS	No
Data highway	No
DeviceNet	No
Local Operating Network	No
SUCOnet	No
other bus systems	No
Test commissioning functions	
Illuminant test	Yes
Ambient conditions	
Storage/transport temperature	
Transport, storage	-20 °C to +60 °C
Relative humidity	
max. relative humidity	95 %
Degree and class of protection	
IP (at the front)	IP65
Standards, approvals, certificates	
KC approval	Yes
Mechanics/material	
Lifetime, typ.	
Short-stroke keys (in switching cycles)	1000000
LEDs (ON period)	100 %
Weight	
Weight	316 g

Status

Dec 3, 2011