

# Thought-out down to the last detail

The SIMATIC HMI Key Panels impress users by offering maximum flexibility in the most restricted space – and at an extremely favorable price. They also offer an abundance of other benefits.



### Safe data traffic with PROFINET

With two PROFINET-enabled Ethernet interfaces onboard and integral switch functionality, the KP8 PN can be integrated extremely easily into existing automation networks – without costly cabling or additional hardware.



### High availability and integral diagnostics

Faults can be bridged by means of an integral redundancy mechanism. A wire break or component failure, for example, can be offset by the Media Redundancy Protocol (MRP) for networks with a ring topology.



### Compact and rugged

Fast, space-saving attachment of the compact devices using clamps or a PRO empty enclosure – in the control cabinet as well as next to the machine.



### 24 V voltage supply can be looped through

The SIMATIC HMI Key Panels can be installed next to each other without gaps, and the 24 V voltage supply can be simply looped through from the neighboring panel.



### Simply everything in view

The illuminated pushbuttons can be labeled individually and all have dimmable LED backlighting. In addition, process-controlled display of five colors (red, green, blue, white and yellow) is possible.



### SIMATIC HMI KP8F PN: the fail-safe version

With its integral safety functionality, the KP8F PN guarantees error-free transfer of safety-related signals via PROFIsafe. There are two fail-safe inputs for the connection of a SIL 3 emergency stop pushbutton, for example.

## Selection and ordering data

Product	Description	Order No.
SIMATIC HMI KP8 PN		6AV3688-3AY36-0AX0
SIMATIC HMI KP8F PN		6AV3688-3AF37-0AX0
SIMATIC HMI KP32F PN		6AV3688-3EH47-0AX0
Accessories		
Connector set, 12-pin	for KP8	6AV6671-3XY38-4AX0
Connector set, 16-pin	for KP8F and KP32F	6AV6671-3XY48-4AX0
Connector set, 24-pin	for KP32F	6AV6671-3XY58-4AX0
Connector set, 2-pin	for KP32F	6ES7193-4JB00-0AA0

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SIMATIC HMI Key Panels

# SIMATIC HMI Key Panels: the shrewd alternative to long-stroke keys

Save on costs,  
not on functionality

