

Starter kit Mobile Panel Consisting of: 1x KTP700F Mobile, 1x connection box Standard, 1x connecting cable 2 m, 1x wall holder, 1x WinCC Comfort (TIA Portal)



Display	
Design of display	TFT
Screen diagonal	7 in
Color display	Yes
Number of colors	16 777 216
Resolution (pixels)	
• Horizontal image resolution	800 Pixel
• Vertical image resolution	480 Pixel
Control elements	
Keyboard fonts	
• Function keys	
— Number of function keys	8
• Keys with LED	Yes
• Numeric keyboard	Yes; Onscreen keyboard
• alphanumeric keyboard	Yes; Onscreen keyboard
Touch operation	
• Design as touch screen	Yes
Special operator controls	

• Stop button (forced blocking)	No
• Emergency stop button (illuminated and forced blocking)	Yes
• Acknowledgement button (3-stage)	Yes
• Key-operated switch	Yes
• Illuminated pushbutton	Yes
Camera	
• integrated camera	No
Expansions for operator control of the process	
• DP direct LEDs (LEDs as S7 output I/O) — F1...Fx	8
• Direct keys (keys as S7 input I/O) — F1...Fx	8
Supply voltage	
permissible range, lower limit (DC)	19.2 V
permissible range, upper limit (DC)	28.8 V
Memory	
Memory available for user data	12 Mbyte
Interfaces	
Number of industrial Ethernet interfaces	1
Number of PROFINET interfaces	1
Number of RS 485 interfaces	0
Number of RS 422 interfaces	0
Number of RS 232 interfaces	0
Number of USB interfaces	1; USB 2.0
Number of 20 mA interfaces (TTY)	0
Number of parallel interfaces	0
Number of other interfaces	0
Number of wireless interfaces	0
Number of SD card slots	1
Protocols	
PROFINET	Yes
Supports protocol for PROFINET IO	Yes
PROFIsafe	Yes
PROFIBUS	No
MPI	No
Protocols (Ethernet)	
• TCP/IP	Yes
• DHCP	Yes
• SNMP	Yes
• DCP	Yes

• LLDP	Yes
Further protocols	
• EtherNet/IP	Yes
• MODBUS	Yes
Communication functions	
Wireless communication	
• supported standards	
— Radio standard WLAN 802.11	No
— Bluetooth radio standard	No
Interrupts/diagnostics/status information	
Diagnostic messages	
• Diagnostic information readable	Yes
Degree and class of protection	
IP65 (all-round)	Yes
Standards, approvals, certificates	
CE mark	Yes
cULus	Yes
RCM (formerly C-TICK)	Yes
KC approval	Yes
Suitable for safety functions	Yes
Highest safety class achievable in safety mode	
• Performance level according to ISO 13849-1	PLe
Ambient conditions	
Free fall	
• Fall height, max.	1.2 m
Ambient temperature during operation	
• min.	0 °C
• max.	45 °C
last modified:	03/14/2020