



Starter kit Mobile Panel Consisting of: 1x KTF700F Mobile, 1x connection box Standard, 1x connecting cable 2 m, 1x wall holder, 1x WinCC Comfort (TIA Portal)

General information	
Product type designation	KTF700F Mobile
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
— Number of function keys with LEDs	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 wireless interfaces	0		
Number of SD card slots	1		
Protocols			
PROFINET	Yes		
Supports protocol for PROFINET IO	Yes		
PROFIsafe	Yes		
PROFIBUS	No		
EtherNet/IP	Yes		
MPI	No		
Protocols (Ethernet)			
• TCP/IP	Yes		
• DHCP	Yes		
• SNMP	Yes		
• DCP	Yes		
• LLDP	Yes		
Further protocols			
• MODBUS	Yes		
• other bus systems	No		
communication functions / header			
Wireless communication			
• supported standards — Radio standard WLAN 802.11 — Bluetooth radio standard	No		
	No		
Interrupts/diagnostics/status information			
Diagnoses			
• 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 • SIL acc. to IEC 61508	PLe Up to SIL 3		
Ambient conditions			
Free fall			
• Fall height, max.	1.2 m		
Ambient temperature during operation			
• min. • max.	0 °C 45 °C		
Languages			
Online languages			
• Number of online/runtime languages	32		
Functionality under WinCC (TIA Portal)			
Security			
• Number of user groups	50		
Dimensions			
Width of the housing front	248.4 mm		
Height of housing front	171.7 mm		
Classifications			
		Version	Classification

eClass	14	27-33-02-02
eClass	12	27-33-02-02
eClass	9.1	27-33-02-02
eClass	9	27-33-02-02
eClass	8	27-24-23-03
eClass	7.1	27-24-23-03
eClass	6	27-24-23-03
ETIM	9	EC001427
ETIM	8	EC001427
ETIM	7	EC001427
IDEA	4	6607
UNSPSC	15	43-21-15-06

Approvals / Certificates

General Product Approval

[Manufacturer Declaration](#)

last modified:

3/12/2024 