



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	10	EC001427
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 