

HMI

# KeTop T135

The mobile 7" web visualization for all controls



The KeTop T135 is equipped with a 7" multitouch screen and, thanks to the browser, can be used for all modern visualization tasks and due to the Ethernet connection, with any control system. The T135 impresses with the best ergonomics, compactness and is a real lightweight. The keyboard on the back also allows practical one-handed operation. Discover the wide range of configuration possibilities thanks to the large selection of optional control elements.

## Product features

- // PCT (multitouch)
- // optimized for web visualizations
- // open for all controls
- // up to 3 operating controls
- // backside keyboard for one-hand operation

## KeTop T135

### Technical specifications

Display	T135
Type	TFT
Size	7"
Resolution	1.024 x 600 pixels (WSVGA)
Touchscreen	PCT projected capacitive multitouch
Backlighting	LED

Housing	T135
HxWxD [mm]	180x234x180 (incl. e-stop)
Weight	Approx. 850g (incl. e-stop)
Material	PPE/PS

Operating elements (optional)	T135
Membrane keyboard with tactile feedback	Up to 14 keys, 3 status LEDs and one power LED
Override Potentiometer	Resolution: 0-127, linear
Rotary switch	4 or 16 positions
Handwheel	50 detents / rotation
Handwheel with tactile function	25 detents / rotation
Selector switch	2 or 3 positions
Key switch	2 or 3 positions
Push button	White / green / red, illuminated, momentary or latching
2-axis joystick	

Safety elements	T135
Emergency stop / stop button	2-circuit wired (optionally humidifiable); EN ISO 13850
Enabling switch 3-position	2-circuit, positive opening according to EN 60947-1 and EN 60947-5-8

SW connectivity	T135
Visualization	Browser, VNC, native application
Keys and controls	Modbus TCP/IP, OPC UA (Client+Server), S7-Driver
Fieldbus	Via junction box (in development)

Computer core	T135
CPU	ARM Cortex A53 Quad Core 1,6 GHZ
Memory	4 GB RAM, 8 GB Flash

Ambient conditions	T135
Operating temperature	0 °C to 45 °C
Storage temperature	-25 °C to +70 °C
Relative humidity	5 % to 95 % (non-condensing)

General data	T135
Operating system	Linux
Power supply	24 V DC
Protection type / protection class	IP54 / III nach EN 61131-2 bzw. EN 50178
Accessories	Wall bracket, hand strap, magnetic holder
Directives	EMC Directive 2014/30/EU, RoHS Directive 2011/65/EU, Machinery Directive 2006/42/EC