

# 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                        |
|------------|-----------------------------|
| LxBxH [mm] | 180x234x101 (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 (Client+Server), OPC UA (Client), S7-Driver, ADS |
| 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 bis 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 |