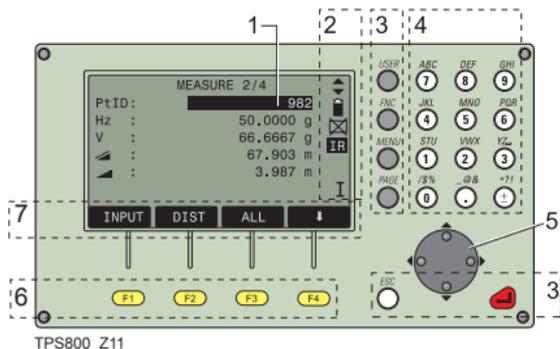


Directstart with Station

1. Switch instrument on (On/Off key on the side panel).
2. Press function key [STATION] (if required, switch to correct level with **F4**).
3. Enter station data and confirm with [OK].
4. Start measurement with [DIST] / [REC] or [ALL].

Keypad



- 1) Focus: Actively measured field.
- 2) Symbols
- 3) Fixed keys: Keys with firmly assigned functions.
- 4) Alphanumeric keys

- 5) Navigation keys: Control of input bar in edit and input mode or control of focus bar.
- 6) Function keys: Are assigned the variable functions displayed at the bottom of the screen.
- 7) Softkey bar: Displays functions that can be called up with the function keys

Fixed keys

- [PAGE] Scrolls to next page when a dialogue consists of several pages.
- [MENU] Accesses programs, settings, the data manager, adjustments, communications parameters, system information and data transfer.
- [USER] Key, programmable with function from the FNC menu.
- [FNC] Quick-access to measurement-supporting functions.
- [ESC] Quit a dialog or the edit mode with activation of the "previous" value. Return to next higher level.
- Confirm an input; continue to the next field.

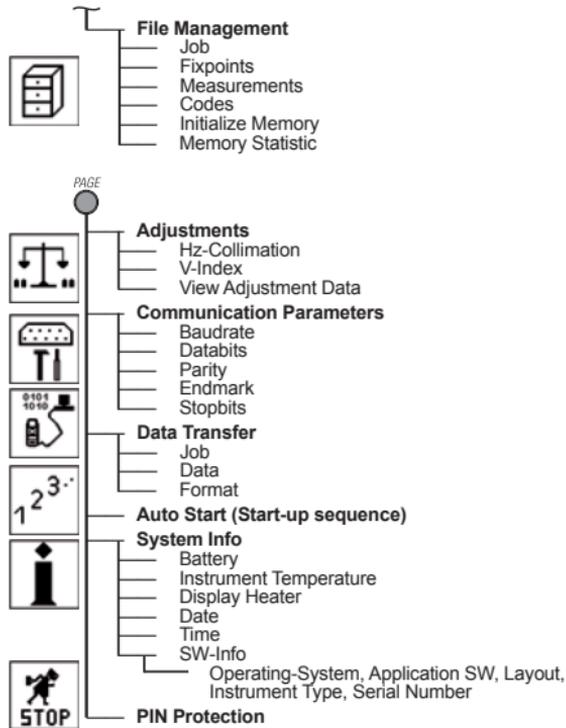
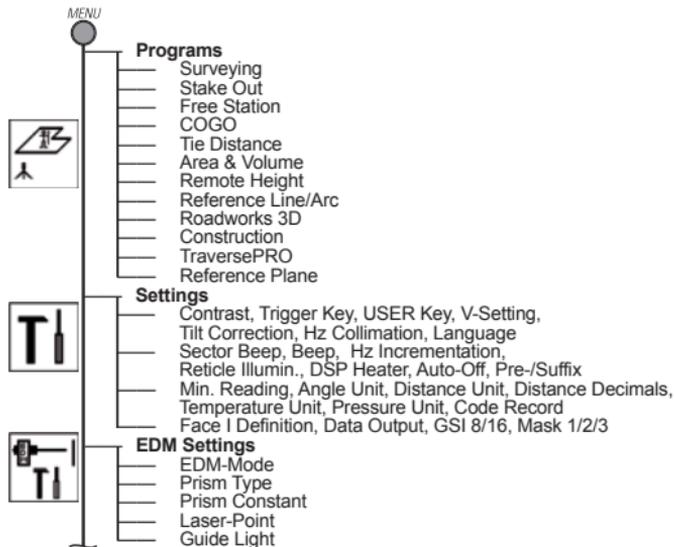


Menu tree

[MENU] > **F1** - **F4** Confirm menu selection.

[PAGE] Scroll to next page.

 Depending on user interface sequence and arrangement of menu items may be different.



Input mode

Due to the alphanumeric keypad you can enter characters directly.

- **Numeric fields:**

Can only contain numerical values.

By pressing a button of the numeric keypad the number will be displayed.

- **Alphanumeric fields:**

Can contain numbers and letters.

By pressing a button of the alphanumeric keypad the input opens. By pressing several times you can toggle through the characters.

For example: 1->S->T->U->1->S....

Edit characters



1. Place cursor on character to be edited.
2. Input the new character.



3. Confirm input.

Erasing characters



1. Place cursor on character to be deleted.



2. Pressing the navigation key deletes the relevant character.



3. Confirm input.

[ESC]

Deletes the change and restores the previous value.

Inserting characters

If a character was skipped (e.g. -15 instead of -125) you can insert it later.



1. Place cursor on "1".



2. Inserts an empty character on the right of "1".

3. Input the new characters.



4. Confirm input.

EDM Mode

With TCR instruments different settings for measurements with reflectorless (RL) and reflector mode (IR) EDM type are available.

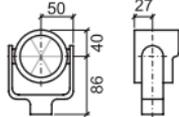
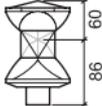
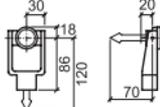
Depending on selected measuring mode the selection prism types are different.

IR-Fine	Fine measuring mode for high precision measurements with prisms (2mm + 2 ppm)
IR-Fast	Quick measuring mode with higher measuring speed and reduced accuracy (5mm + 2 ppm)
IR-Track	Continuous distance measuring (5mm + 2 ppm)
IR-Tape	Distance measurement using Retro targets (5mm + 2 ppm)
RL-Standard	For distance measurements without prisms ($\leq 500\text{m}$: 2mm + 2ppm) ($> 500\text{m}$: 4mm + 2ppm)
RL-Track	Continuous distance measurement without prisms (5mm + 3 ppm)
RL-Prism	For distance measurements with prisms

 With the RL-EDM each object in the beam is measured (possibly also branches, cars, etc.).

Prism type

Calling the function in the EDM settings.

Leica Prisms	Constants [mm]	
Standard prism GPH1 + GPR1	0.0	
360° prism GRZ4	+23.1	
360° Mini prism GRZ101	+30.0	
Miniprism GMP101/102	+17.5	
JPMINI	+34.4	Mini prism
Reflective targets	+34.4	
USER	--	is set at "Prismconst" (-mm + 34.4; e.g.: mm = 14 -> input = -14 + 34.4 = 20.4)
RL	+34.4	Reflectorless

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- when it has to be right

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