

TERMINAL 3035



- Approvable Class III – approvable resolution for 10.000e
- Stainless steel housing, Protection Class IP 67
- Large 5,7" TFT color screen
- With 4 organisation data memories
- 10 application programs
- 6 function keys
- 3 analogue measuring points connectable internally

Applications

The approvable Terminal 3035 is the well conceived solution for applications in arrival and shipping areas, as well as in production, stock and logistics areas. Further fields of applications are the food industry, the pharmaceutical and chemical industry, as well as the electrical, building and metal industry.

Characteristics



Functions

Every weighing operation has its particularities. 10 different application programs on the terminal 3035 offer you a wide range of solutions for the following weighing operations:

- > Weighing and taring
- > Totalizing and order-picking
- > Counting
- > Checking
- > Classifying
- > Formulation
- > Neutral measurement
- > Vehicle weighing
- > Dynamic switching
- > Percentage weighing

Housing

- > Compact housing made of stainless steel 1.4301,
- > Protection Class IP 67, suitable for harsh environments
- > Available for installation in bench, wall or cabinet or on a stand
- > Integrated power supply 100-240 V, 50/60 Hz
- > Pressure equalisation by gas-permeable membrane

Display

- > Large color screen TFT 5,7" (QVGA 320 x 240 pixels)
- > Adjustable background color (Green, White, Light blue, Yellow, Blue, Magenta and Red)
- > Backlight dimmable from 30–100 %
- > Traffic light control function
- > Large indicator with 20 mm digit height

Keypad

- > Membrane keypad with 32 large keys for safer operation

Environmental conditions

- > Temperature range: -10°C to +40°C

Connectivity options

- > 3 analogue measuring points connectable internally
- > Connection of a digital reference scale via RS 232 interface possible
- > Up to 29 measuring points in total
- > Approvable resolution for up to 10.000e / 3 x 3.000e with corresponding load cells
- > Barcode scanner connectable to RS 232 interface
- > External PC keyboard via USB
- > Second / large display

Interfaces

- > Standard equipment with one RS 232 or USB data interface
- > Optional: other interfaces are available (e.g. RS 232, RS422, RS485)
- > Various Fieldbus connections such as Profibus DP, ProfiNET
- > Connection to printers, control and warehouse management systems are possible

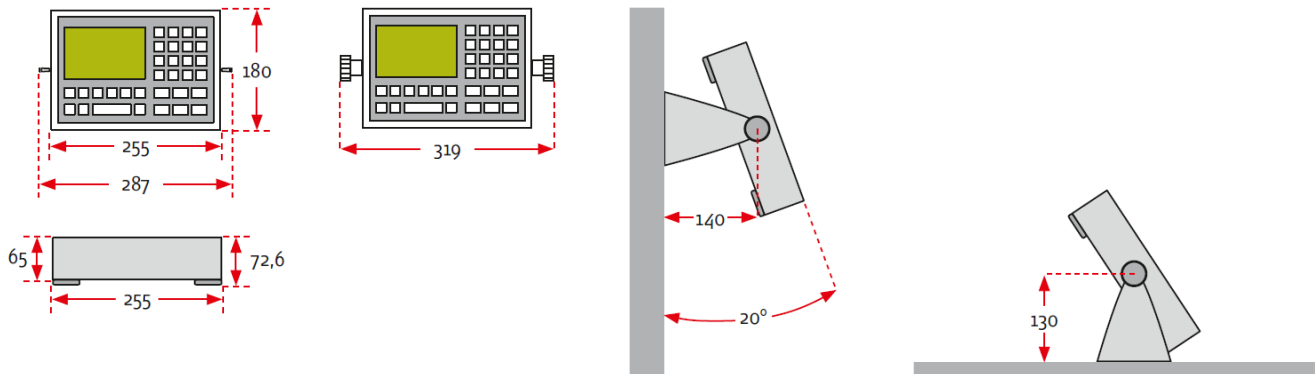
Approvable alibi memory (optional)

- > Micro-SD-Card (high-quality SLC memory card) for 4 million entries in the approvable alibi memory
- > Fixed value memories each with 999 entries valid for all programs, e.g. for tare memory, reference weight memory, etc.
- > Database function for organisation data

Date and time memory

- > Battery-backed real-time clock

Dimensions (mm)

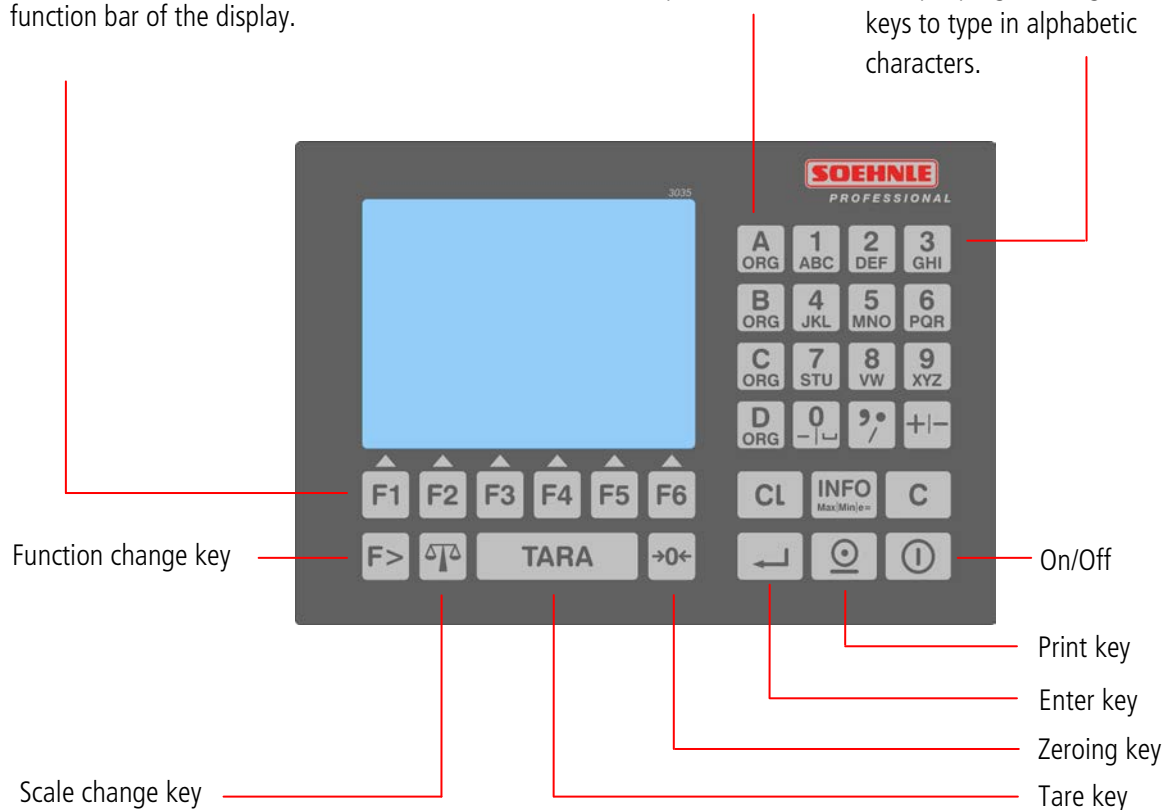


Keypad

Various program and situation dependent functions are assigned to the function keys. The function name appears above the key in the function bar of the display.

Organisation data call-up

Numeric key to input values, multiple programming of numeric keys to type in alphabetic characters.



Accessories

There is a wide range of accessories for the terminal 3035, e.g.:

- > Tape and label printer
- > Additional measuring points
- > IO module, relay box, traffic light indicator
- > Anybus board, e.g. Profibus, ProfiNET
- > Barcode scanner
- > Alibi memory
- > Software for database value input via PC
- > Wall or stand bracket

Application programs

The Soehnle Professional Terminal 3035 is the modern solution for various weighing operations in trade, commerce and industry.

Weighing and taring

- > Manual tare input
- > Additive tare
- > Provisional tare
- > Multiplicative tare
- > Automatic tare
- > 999 fixed value memory locations for tare values

Totalizing and order-picking

- > Totalize gross, tare and net weights in a total memory
- > Automatic totalizing
- > Manual inputs and clear function
- > Consecutive number and item counter

Counting

- > Comfortable reference weight calculation
- > Reference weight input
- > Reference weight optimisation
- > Piece removal
- > Piece count totalizing
- > Quantity check and metering
- > Output signals with start function
- > Reference statistics
- > Default reference scale
- > 999 fixed value memory locations for reference weight values

Checking

- > Weight-in to setpoint weight
- > Display of deviation and tolerance by graphic symbols and by weight value
- > Reference sample weigh-in
- > Totalizing identical check weighing products
- > Output signals with start function
- > 999 fixed value memory locations for checking values

Classifying

- > Dividing weighing products in 5 classes
- > Defining the classes by weight input and percentage input
- > Totalizing weighing products allocated to the same class
- > Output signals with start function
- > 999 fixed value memory locations classifying values

Formulation

- > Multiple processing of recipes
- > Recipe component weigh-in one container
- > Component check
- > Output signals with start function

Neutral measurement

- > Weighing with different physical units, e.g. litre, metre, etc.
- > Convenient input and measurement of specific weight
- > Free definition of physical unit and decimal places
- > Totalizing identical units
- > Check and metering function
- > Output signals with start function
- > 999 fixed value memory locations for neutral measurement values

Vehicle weighing

- > Determining the payload by first and second weighing or by weigh once operation
- > Memory for vehicle empty weight
- > Vehicle assignment list with 50 entries
- > Identification by entering the registration number
- > Totalizing the payload
- > Calculating a weighing charge
- > Subtraction of foreign material
- > Control lights
- > Vehicle check with output signals

Dynamic switching

- > Controlling of 6 outputs and 4 inputs
- > Adjustable output functions with switching condition, delay, polarity, locking
- > Adjustable input functions with signal edge
- > Totalizing function
- > Value reaction to scale or total memory
- > Output signals with start function
- > 999 fixed value memory locations for dynamic switching values

Percentage weighing

- > Weight value assigned to a percentage
- > Assigning 1-100%
- > Totalizing function
- > Check and metering function
- > Output signals with start function