

MACHINE AND
DATA COLLECTION

T1 INNOVATIVE MACHINE TERMINAL 4.0



MARPOSS



www.marposs.com

For a full list of address locations, please consult the Marposs official website

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www.brankamp.com

INNOVATIVE MACHINE TERMINAL 4.0



T1

Your benefits

- + User-friendly DC terminal
- + FactoryNet®4.0 interface to DC/MES/ERP software
- + Exact acquisition of machine data (run/down times, stop reasons, number of strokes)
- + Operator information about upcoming orders, target quantities, material batches, etc.
- + Precise parts counting by plc interface
- + Machine shutdown when the target number of pieces has been reached
- + Stop & Go diagram for runtime analysis, process optimization & productivity increase

Equipment

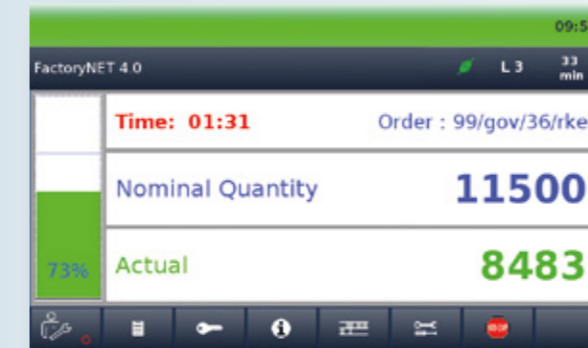
- **7" Touch color display** for bright and clear masks
- **4 digital input and outputs** each for direct connection to the machine control
- **LAN or WLAN (optional)** interface for networking, USB connection
- **Connection option** for printer or barcode scanner
- **Warning lamp connection** for warning or stop messages
- **Direct connection to machine cycle or plc** for exact parts counting
- **Compact device design**, easy installation, flexible mounting options

Function

- **Production data:** Machine status, part counting, batch numbers, scrap reports
- **Machine instructions:** Stop or release output, machine lock in case of missing user input, lamp control
- **Stop codes:** freely definable numbers and stop code texts
- **Follow-up orders** can be selected from a list
- **Scrap quantities and reasons** can be entered for current and previous order
- **Stop & Go diagram** for runtime analysis of the machine
- **Setup of the machine** can be easily set by pressing an assigned button

Operation

- **Simple, intuitive operation**
- **Counting for individual machines** with networking to the management system
- **Simple order start and stop** with target/planned and actual quantities from/to the MES system
- **Feedback of stop reasons** during machine downtime, optional locking of the machine in case of missing input
- **Several operating levels** for access control
- **Display and check** of the material batch via barcode scanner



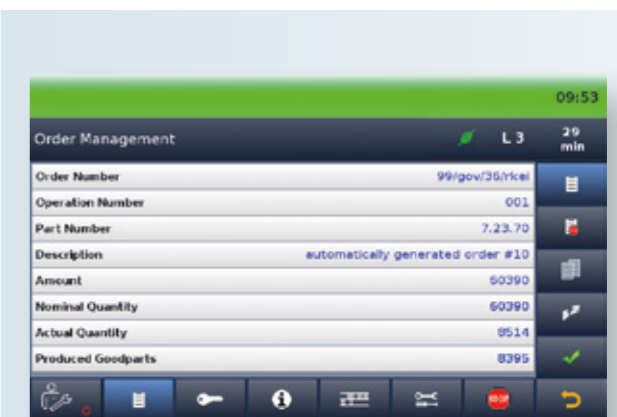
Quick overview of target and current counter value for the active order.



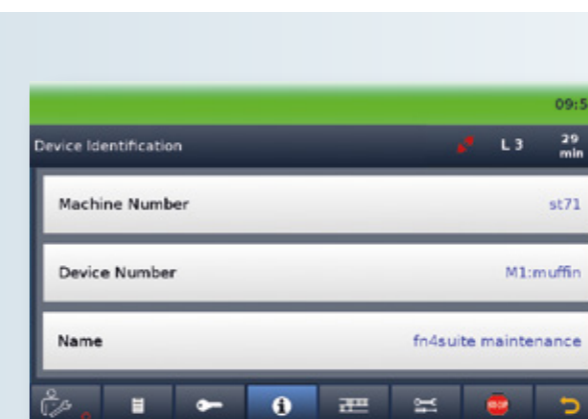
The schedule manager shows the upcoming orders for the machine. The next follow-up order could be selected.



From configurable actions the relevant stop codes can be displayed and selected by the operator. In case of missing user input, the machine can be locked.



In the order management mask orders can be started, stopped and interrupted. In addition, scrap quantities can be declared.



The T1 system is prepared for connection to the FactoryNet 4.0 software of Brankamp.

Technical Data

Interface:	4 binary in- and output
Power:	24 V / DC / 12 Watt
Environment temp.:	+5 °C to + 40 °C
Connections:	1 TCP/IP LAN or WLAN (option) 1 USB
Max. cycle rate:	1200/min.
Dimensions:	185 x 130 x 55 mm (W x H x D)
Weight:	1.1 kg (incl. U-holder)