
InfoPick™ Display Module

InfoPick™ – Cutting edge display technology

TRUNINGER uses cutting edge PowerLED technology for the InfoPick™ display module. In contrast with widely used coloured lamp displays, InfoPick™ provides much more information by text and graphics and reacts instantly to operator commands.

InfoPick™ informs both crane driver and staff on the ground of the magnet system's exact operational status. This makes operating the system easier and safer, especially when using wireless remote control.

InfoPick™ – Key features

InfoPick™ includes the following standard features:

- Robust, maintenance-free design, thanks to ultra-modern PowerLED technology
- Easily understood graphical visualisation of all operating status
- Visualisation of system errors and alarms by text message
- In combination with SafePick™, the display remains fully functional even if mains power is lost
- Legible from a distance of up to 30 metres

Alarms and diagnostic information

Graphics developed by TRUNINGER display all operational states, thus making operation of the magnet system easy, efficient and safe. In addition, the following system information is also displayed:

- Warnings
- Alarms
- System locks
- Diagnostic information

Operators and maintenance staff thus have all the information at hand for their work. They do no more need to climb up onto the crane to check the elements in the control cabinet.

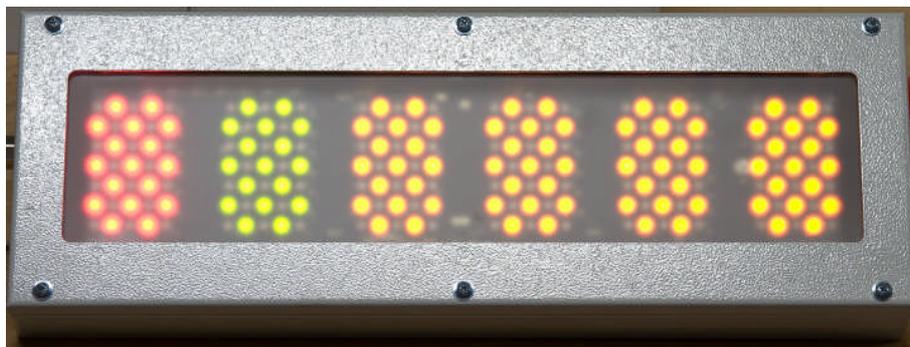


Figure 1: InfoPick™ with its 6 coloured display elements

The display generally consists of six display elements:

- The red element on the left displays fault conditions
- The green element (second from left) displays the overall magnet state
- The 4 yellow elements on the right display the state of the individual magnet groups

A wide variety of information is provided to the operator. For example:

Group Selection

Easily understood simple text provides a feedback about the available and selected magnet groups.

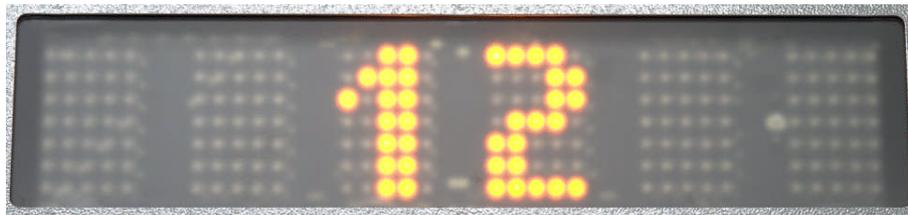


Figure 2: Magnet groups 1 and 2 pre-selected

Display of warning and danger alarms

InfoPick™ differentiate between warnings and alarms. Warnings make the operator aware at an early stage of any abnormal condition. Alarms inform about safety-relevant faults. They are shown by graphical symbol together with a clearly audible sound.

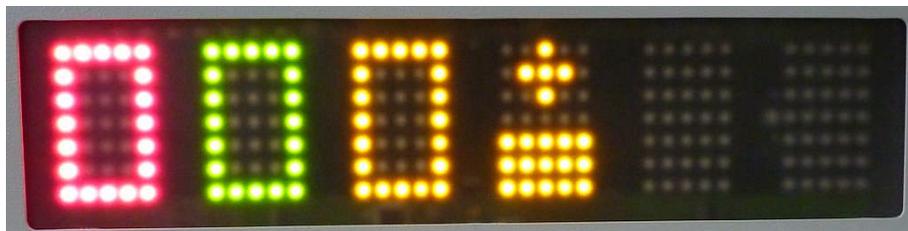


Figure 3: InfoPick™ displays a warning

System locks

When any safety-relevant fault occurs, a system lock will prevent the magnets from being switched on again. The system locks are indicated by a red key and further symbols.

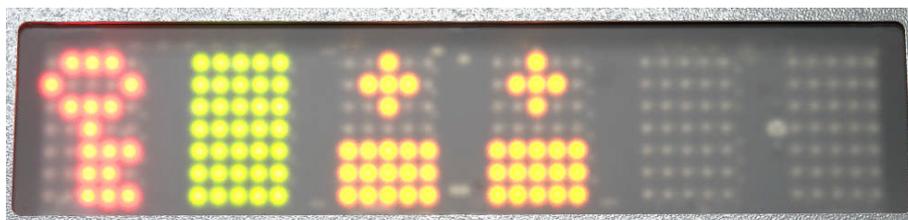


Figure 4: System lock active; magnets are supplied by back-up battery

d) Diagnostic information

InfoPick™ allows to read out diagnostic information using the operator standard panel. Such information is identified by a red spanner symbol. The diagnostic information is visualised as a code. The meaning of each code can then found in a separate code list document.

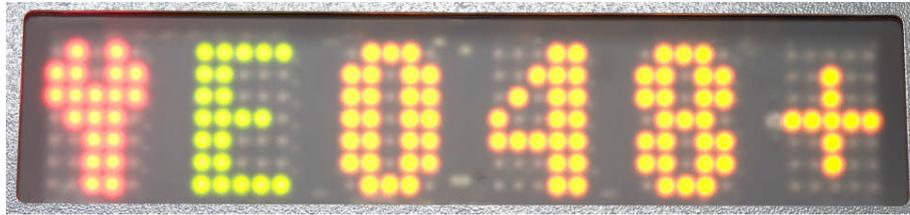


Figure 5: InfoPick™ displays an error code

One InfoPick™ display module can show the status of up to four individual magnet groups. Systems with more than four magnet groups require a second display module in order to show the status of further magnet groups 5 to 8 in parallel.