



Success Story Displays · Connection Technology

Quality display for all-round use of credit card terminals

Cashless payment at the Point of Sale means customer convenience and safeguards turnover. Brightness-sensitive displays now improve the suitability of credit card readers for mobile use. Elektrosil has developed an innovative display solution with customised cable connection for a market leader's cash terminal.

► The challenge

The customer wanted a high-quality touch display with specified brightness, size and resolution for his payment terminal with NFC reading technology. The further specifications included a cable with customised pin assignment for connecting the existing hardware platform to the display.

► The solution

Elektrosil has supplied an industrial touch display with large viewing angle and modified backlight. High-quality LEDs with a life of more than 50,000 hours ensure excellent readability even outdoors. The display solution was completed by an environmental light sensor, which enables the brightness to be adjusted depending on the situation and therefore also a longer life for the LEDs.

In the next step, the display was connected to the hardware board in accordance with the customer's specific requirements. The engineering team made up a cable exactly implementing the individual pin assignment. The client undertook the design of the housing to suit the display and connection technology concept.

Finally, the developers designed a plastic holder for the display and cable on the board. In combination with a rubber seal, the result was a hardware display unit which accurately fitted the housing.

Project information

- Client: A market-leader in the field of electronic payment
- Sector: Vending/POS
- Project size: Development approx. 1 year
- Contract period: 7 years

Elektrosil's services

- Application advice, development supervision, design-in support
- Quality Assurance
- Engineering and production
- Completely customised applications



“Best possible legibility, indoor and outdoor – we needed a high-end display for our credit card terminal.

That’s when I called Elektrosil.”

► Advantages and benefits

Equipped with the innovative display solution from Elektrosil, the client stands out with his mobile NFC terminal, which underlines his leadership claim in the field of electronic payment systems. At the same time, the credit card reader is a superior all-round device which addresses a wide target group spectrum, thus enabling higher quantities and more economic production.

With combined display-cable know-how and thanks to its strong network, Elektrosil has implemented a powerful visualisation system for a credit card terminal. The client has thus perfected his payment technology with a card reader which strengthens his market-leading position.

Are you looking for a suitable solution for your system and a competent partner? Then give us a call.

+ Elektrosil’s strengths

Elektrosil has demonstrated its established development expertise for demanding display-cable solutions and became a “one-stop shop” for the client thanks to its strong network.

The broad-based product visualisation technology know-how has ensured the best quality advice and fast implementation.



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