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## LED displays made for difficult environmental conditions

### Offshore: From berths to wind parks

Windischeschenbach, 23.05.2019

Near the coast there are often gale-force winds. Especially for technical components this breeze is difficult to bear: high air humidity together with high salinity, gusts of wind as well as increased variations in temperature can be very stressful for technical equipments and electronic devices. Therefore, a special equipment is absolutely indispensable; the supplier of system electronics Microsyst combines appropriate components. In this way, various modules can be turned almost instantly into a quasi-standard custom-made product.

#### IP67 and shock-resistant

Most of Microsyst's displays are equipped with a powerful and high-contrast LED technology. „For our special offshore displays light-emitting diodes are exactly the right choice, robust and perfect to read even at long distances or when sea water is lashing against them.“, explains the owner and general manager of Microsyst Harald Kilian. The powerful outdoor displays are framed by a robust seawater and corrosion-resistant stainless steel housing. According to the protection class IP67 the display is completely protected against dust and water, the front panel made of safety glass completes the robust and temperature-resistant total package. On request, Microsyst is able to design shock-resistant offshore displays for being mounted e.g. on loading cranes – produced with special isolated brackets and dampers.

#### Integrated warmth regulation

The integrated warmth regulation system ensures constant temperatures inside the display: „This makes it easier for the technology and ensures a permanent 24/7 use even with increased variations in outside temperatures“, adds managing director Harald Kilian. The maintenance-free offshore displays can be connected easily via standard interfaces such as Ethernet, Profinet or Profibus and many more.

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**About microSYST Systemelectronic GmbH**

*Founded in 1985, the company based in Weiden i. d. Opf. has been developing, manufacturing and selling LED display systems for 30 years. The comprehensive know-how in LED technology goes back to the early in-house developments. This pronounced pioneering spirit is still deeply rooted in the company today. With future-oriented thinking and environmental awareness, microSYST will continue to dedicate itself to LED technology in the future under the following principles*

- Know-how right from the start*
- Individual development and production*
- Adapted systems with unique optics*
- Regionally sustainable and efficient*