

DATA MODUL further expands its range of robust displays

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The demand for displays for heavy-duty applications is constantly increasing. DATA MODUL is expanding its portfolio accordingly and can therefore meet the individual requirements of special heavy-duty sectors such as road construction, agriculture or maritime applications. TFTs in Toppan/Ortustech's patented Blanview technology for environments in extreme cold/heat are specified with a wide temperature range: -30 to +85°C, and a storage temperature of -40 to +95°C. The technology stands for good readability and high brightness, as the requirements for sunlight readability and vibration resistance are particularly high in heavy-duty applications. The mechanical design is also optimised to prevent damage in terms of shock and vibration and can withstand shocks of up to 6.8 G.

Ruggedised TFTs from Toppan/Ortustech are available in three sizes in landscape format: a 4.3" display with 480x272 resolution and RGB interface, as well as 5.0" and 7.0" displays, each with 800x480 resolution and LVDS interfaces. A wide viewing angle, high luminosity and very good contrast rates allow the TFTs to be used in a wide range of indoor and outdoor applications, as well as for stationary and mobile applications. Blanview technology is characterised by low power consumption and consequently minimal heat generation, making it ideal for battery-powered applications.

In order to guarantee long-term operation of the TFTs under extreme loads, the quality of the displays is repeatedly tested in a series of procedures, including reliability and vibration tests in the climate chamber.

Sandra Bismanns, Product Manager – Displays at DATA MODUL: 'These robust displays are the ideal solution for us and have already proven themselves successfully in numerous projects. Thanks to our certified, in-house optimisation options, we are able to reliably implement any heavy-duty application. In the truest sense of the word, nothing shakes us anymore.'

Further information can be found at www.data-modul.com

About DATA MODUL

As a passionate enabler, DATA MODUL AG does everything in its power to turn customers' visions into reality. With a comprehensive understanding of hardware, software and services as a harmonious unit, the focus is on developing customised display solutions that precisely meet the specific needs and objectives of the customer. The outstanding core competence of DATA MODUL AG lies in customising, whereby the company not only provides products, but rather tailor-made solutions with a clear market focus. With over 50 years of experience, DATA MODUL AG represents financial stability, innovative strength and international growth. Its presence at more than 20 locations worldwide and a total area of around 40,000 square metres for production, logistics and administration enables the company to respond flexibly to global challenges.

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