******New range of Flat Panel Monitors -**  **Solutions for increased system availability**

Phoenix Contact has expanded its product line of robust HMIs and industrial PCs to include powerful industrial monitors. The Basicline flat panel monitors are ideal for operation in rough industrial environments with an ambient temperature range of -10°C to +60°C. They are particularly suitable for vibration-rich applications that make it difficult to use full-fledged panel PCs prone to failure in such environments.

The monitors can be connected to industrial PCs up to 15 meters away to act as detached operating and monitoring devices. Multi-touch monitors are offered in sizes 39.6 cm (15.6''), 47 cm (18.5”), and 54.6 cm (21.5"). The projective-capacitive 10-point touch screen supports operation based on gesture control. In addition to providing a scratch-resistant glass surface, all monitors comply with protection class IP65 (front). Applications include machine-related operation and monitoring with fast response times, for instance, when used in jog mode or for displaying curves. If installation space is tight, the devices can alternatively be mounted vertically.

The developers strongly focused on the mechanical design. The elegant, level front surface has a slim edge of just 9 mm, allowing for easy integration of the monitors into machine housings or display panels. Various attachment kits and a bracket complying with the VESA 100 standard further facilitate assembly. The robust housing that features a low installation depth is made of metal, while the front is made of aluminium.

The energy-saving LED-based background lighting is highly durable and bright, making it suitable for use in well-lit surroundings. The wide-screen displays allow for a user-friendly arrangement of the display and operating interface. The screens provide a high resolution and are easy to read from any angle. An OSD keypad located on the rear allows users to change the display settings. All monitors are equipped with a VGA, DVI-I, and DP interface, facilitating easy integration into new or existing systems.

**ENDS**

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