

Mitsubishi Electric launches HMI for extreme environments

Dublin, Ireland 10th of April 2019

With an extended operating temperature range of -20°C to +65°C, and protection ratings to IP67F/IP66F, the GOT2507T-WTSD 7” operator terminal from Mitsubishi Electric meets the needs of harsh and demanding applications. No additional protective measures are required for washdown with high pressure water or use in power equipment that is typically located outdoors. As a result, it is a perfect fit for industries such as power, food and beverage and machine building.

While standard HMIs typically feature an operating temperature range from 0-55°C, the expanded temperature range of the GOT2507T-WTSD means it can be used in harsher environments without the need for heaters in the lowest temperatures or fans and coolers in the highest. This can significantly reduce operating expenses for the likes of food and beverage manufacturers and in power industry applications, as well as offering more flexibility for deployment where extreme temperatures are encountered.

Where use in direct sunlight is required, the [GOT2507T-WTSD](#) offers enhanced resistance to UV rays, while on-screen clarity even under strong sunlight has been enhanced through the use of a high brightness LCD panel and a special coating to eliminate glare. Furthermore, since

the structure of the front panel has been reinforced with a metal housing, the rugged model can be used in environments that are subject to shock or vibration.

Along with the increased strength and durability, users benefit from all the features and functions of the existing [GOT2000 models](#). These include multiple communication interfaces, comprising of two Ethernet ports, wireless LAN interface, USB, RS232 and RS422/485. In addition to this, audible warning functionality reinforces the information displayed on the screen and Mitsubishi Electric's GOT Mobile provides real-time machine visualisation using remote devices such as tablets, smartphones and PCs. All these functions help improve productivity and reduce the total cost of ownership for machinery.

As well as the food and beverage and power industries, further applications for the GOT2507T-WTSD include heavy machinery, parking systems, power conditioners, EV charging stands and shipping/dockside.

Image captions:



Image 1: With an extended operating temperature range of -20°C to +65°C, and protection rating to IP67F/IP66F, the GOT2507T-WTSD 7” operator terminal from Mitsubishi Electric meets the needs of demanding industries such as power, food and beverage and machine building.

[Source: Mitsubishi Electric Europe B.V.]

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About Mitsubishi Electric

With nearly 100 years of experience in providing reliable, high-quality products, Mitsubishi Electric Corporation (TOKYO: 6503) is a recognised world leader in the manufacture, marketing and sales of electrical and electronic equipment used in information processing and communications, space development and satellite communications, consumer electronics, industrial technology, as well as in products for the energy sector, transportation and building equipment.

With around 142,340 employees the company recorded consolidated group sales of approximately 41.9 billion dollars* in the fiscal year that ended on March 31, 2018.

Our sales offices, research & development centres and manufacturing plants are located in over 30 countries.

Factory Automation EMEA

Mitsubishi Electric Europe B.V., Factory Automation EMEA has its European headquarters in Ratingen near Dusseldorf, Germany. It is a part of Mitsubishi Electric Europe B.V., a wholly owned subsidiary of Mitsubishi Electric Corporation, Japan.

The role of Factory Automation EMEA is to manage sales, service and support across its network of local branches and distributors throughout the EMEA region.

*Exchange rate 106 Yen = 1 US Dollars, last updated 31.03.2018 (Source: Tokyo Foreign Exchange Market)

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