

PRESS RELEASE

TOUGH DISPLAY IS COST EFFECTIVE ANSWER TO AUTOMOTIVE, MARINE AND INDUSTRIAL USER INTERFACING

* latest CAN-compatible HMI platform provides new cost savings

Basildon, UK, February 20, 2004 --- Today, TeleflexMorse Electronics introduces two cost-optimised versions of its CANtrak range of rugged CAN-compatible user interfaces. The DIN-format LCD modules with soft keys provide an HMI (human-machine interface) platform that can be programmed rapidly to create optimised instrumentation for automotive, industrial and marine equipment applications - such as engine gauges or machinery control panels.

This third generation of the popular CANtrak range employs a range of design-for-manufacture techniques including chip-on-tab to minimise component count and assembly operations - substantially reducing costs for OEMs.

Designated CANtrak 2600 and 2610, the new LCD modules offer a 110x110mm (4.3x4.3inch), 160x128 pixel display with five soft keys. This area is easily large enough to support up to four simultaneous instrument displays plus alarms. The 2600 operates over a temperature range of -25 to +75°C. The 2610 variant incorporates a heating element, supporting operation down to the automotive industry's requirements of -40°C.

The backlit displays employ film supertwist nematic LCD technology for high visibility in direct sunlight with the additional benefit of 'Silverback' coating - a highly reflective film that radically improves contrast and viewing angle in ambient lighting conditions. They come with a high-integrity Deutsch connector interface, and protection to IP67, covering immersion in water up to one metre. This high degree of protection provides support for OEMs building for harsh environments, such as off-highway vehicles or boats with exposed control panels, and pump and compressor equipment destined for offshore platforms and remote wellheads.

CANtrak displays offer three serial interfaces: RS-232, RS-485, and a CAN 2.0B-compatible port compatible with the J1939 communications protocol used for electronically-controlled diesel engines. CANtrak 2610 also includes a programmable digital output to provide a convenient means of performing control actions such as activating an external alarm or other load.

Powerful tools are available for user interface development. These include a Windows programming environment that allows application-specific displays to be created in hours using 'drag and drop' techniques and a library of instrument gauges and resources. TeleflexMorse also offers a ready-to-use J1939 engine data display and alarm display package called GEM - Generic Engine Monitor - plus a software development kit for CANtrak's microcontroller, or a custom development service.

A datasheet on the CANtrak displays may be downloaded from: <http://www.cantrak-int.com>

BACKGROUND INFORMATION

TeleflexMorse Electronics designs and manufactures integrated instrumentation, display and control systems, and is a leading supplier in the engine monitoring market for industrial and automotive applications. Headquartered in the UK, TeleflexMorse Electronics is a subsidiary of Teleflex Incorporated (NYSE: TFX). Teleflex Incorporated is a diversified manufacturer with interests in three major business segments: commercial, medical and aerospace. The company specialises in solving engineering problems by the development and application of proprietary technologies, and employs some 18,000 people in over 80 operating units worldwide. www.teleflexmorse.com

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