The company TECHNOSOFT, based in Neuchâtel, Switzerland, has released the iPOS2401 MX, an intelligent drive with integrated motion controller offering an optimal solution for positioning applications where space is critical (19 x 46 x 8 mm). Due to its innovative motor control architecture, the iPOS2401 represents a universal control solution for a complete category of micro motors that usually do not require more than 1A continuous even in dynamic regimes.

Brushed DC, brushless DC, stepper or linear motors can be controlled by the Technosoft micro-drive that supports incremental TTL encoder and digital Halls as position sensors. One drive for any motor technology brings a huge advantage in terms of reducing the stock diversity as well as the implementation time due to a unique user interface for all axes. Beside the only 9 cm-square surface, another advantage is represented by the plug-in capability of the product that offers a large flexibility in terms of integration into the user motherboard where the size, shape and connectors can be customized to respond exactly to the application requirements.

The iPOS2401 is designed for high end applications offering un-matched motion control performance for either stand-alone, single or multi-axis applications in CAN or EtherCAT (optional) bus configurations where local programmability on the drive makes the difference.

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