Application drives for synchronous and asynchronous motors – are called at KEB: Drive Controller

Universally usable for every motor technology and functionally prepared for the drive tasks of speed, torque and position control - these are the new KEB COMBIVERT F6 drive controllers. At the industrial fair in Hanover, two new sizes will be introduced additionally to the previous performance range for motors up to 90 kW, which will then provide universal features of the series for applications up to 315 kW.

The All-in-One concept means that, in addition to universal motor operating modes for sensorless motors or motors with encoder, the drive controllers enable a flexible connection to the higher-level control level via EtherCAT, Profinet, Powerlink, Ethernet/IP or CAN and provide all proven speed and position feedbacks on the two encoder channels in one hardware.

Furthermore, there is an extensive range of integrated safety functions that increasingly integrate previously external protective measures in the machine or plant into the drive and control package, thus optimizing effort and system costs.

The commissioning and diagnostic software COMBIVIS 6 completes the application and handling. In the current version, necessary adaptations to the application are supported by wizards, which makes it possible to optimize the drive system to the requirements without much detailed knowledge.

High-energy efficiency combined with excellent shaft performance are the key to powerful drive solutions in typical applications such as hoists, portals, cranes, palletizers, infeed/outfeed devices or extrusion and injection molding.

KEB at Hannover Messe 2019: Hall 15, Booth B10