RFID Modules Enhanced with FLC Functionality

The TBEN-S-RFID block I/O modules from Turck come with new functions including a field logic controller function

Mülheim, October 19, 2017 – In time for the SPS IPC Drives 2017 fair, Turck has expanded the functionality of the TBEN-S-RFID compact Ethernet/RFID interfaces. The block I/O modules with protection to IP67 come with a new free of charge firmware update, offering many new functions, including the license-free ARGEE programming environment. This Field Logic Controller function (FLC) enables users to implement low to medium complexity control tasks directly on the block I/O module so that these tasks can be decentralized. This reduces the load on the central controller so that only the relevant data has to be transferred. The TBEN-S-RFID can be linked easily to PLC systems without the use of a special function block being necessary.

Another new feature is the automatic addressing of the bus-capable HF-RFID read/write heads. The read/write head addresses can be activated simply in the parameters of the data interface. Compared to the conventional method, this saves users considerable time since they can connect and automatically address the read/write head one by one. Bus addresses for bus-capable HF read/write heads can also be set and queried by the web server/PACTware via the TBEN-S-RFID. In this way, users can check the correct startup of the bus mode without having to use an interface converter.

Turck1617.jpg:
Turck is using a firmware update to turn its compact RFID/Ethernet interfaces into small controllers

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