

New IE/PB Link PN IO network transition

New functions for added application scope



Nuremberg, Germany. Siemens has upgraded its IE/PB Link PN IO network transition to include a range of new functions. The device links Industrial Ethernet/Profinet with Profibus networks, allowing for instance Profibus users to be linked into over-arching Profinet applications.

In addition to application as a PN IO proxy for subordinate Profibus users, the new IE/PB Link PN IO network transition is also used for cross-network PG/OP communication, for instance for loading programs and configuration data, for test and diagnostic functions as well as for operation and monitoring. Over the IE/PB Link PN IO, for instance, users can parameterize and diagnose all Profibus field devices from a central engineering station connected to an Industrial Ethernet network using the Simatic

Process Device Manager (PDM). The IE/PB Link PN IO can now also be configured without Step 7 using the free Primary Setup-Tool (PST). The newly integrated switch with its two RJ45 ports also offers facility to connect the IE/PB Link PN IO network transition to an Industrial Ethernet network using star, linear or ring topology – including media redundancy with the Profinet MRP protocol. The alternative use of a bus adapter from the Simatic ET 200SP product line additionally enables a wide variety of connection methods for Industrial Ethernet, such as direct implementation of a fiber optic line for linking up different factory halls. If replacement is required in an existing project installation, the new IE/PB Link PN IO can be exchanged for its predecessor by simply replugging the C-plug with the configuration data.

Profinet IE/PB Link PN IO network transition

Simatic net

www.siemens.com/simatic-net

IE/PB LINK PN IO

<http://w3.siemens.com/mcms/industrial-communication/en/ie/network-transition/ie-pb-link-pn-io/Pages/ie-pb-link-pn-io.aspx>