

SPS/IPC/DRIVES 2004

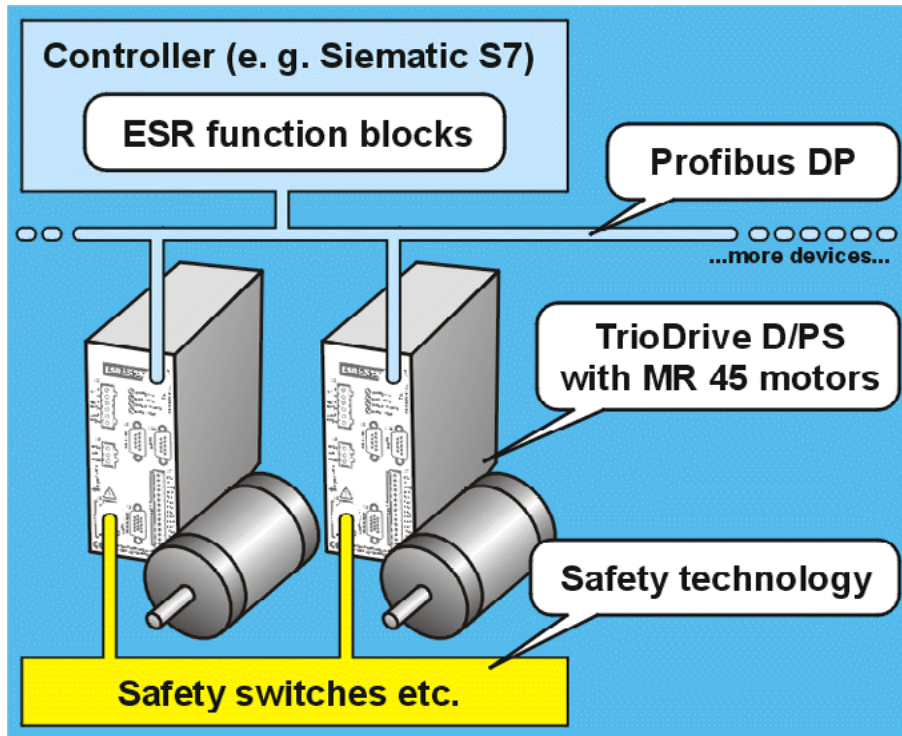
**Servo Drive Systems
and Components**

Servo Drives, Safety Included

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At the SPS/IPC/DRIVES servo specialist ESR Pollmeier presents TrioDrive D/PS, the refined development of its successful digital servo drives. The 230 V servo controller with integrated safety system has been optimized for the use with Profibus DP and comes with increased processor power at a reduced price. Together with the new MR 45 servo motor series, ESR offers the complete servo drive in the torque range from 0.3 to 5 Nm.

The servo drive specialist ESR Pollmeier presents its new TrioDrive D/PS servo amplifier series for the first time at the SPS/IPC/DRIVES 2004. The new appearance emphasizes that it is more than a technical revision of the established TrioDrive D. The device has been optimized for the use in a Profibus DP network, whereby, according to ESR, the price could be reduced compared to the present device. This is especially interesting for users of Siemens S7 controllers.

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Even so the TrioDrive D/PS comes up with an extensive scope of operating modes and technology functions. A novelty is the integrated safety system with the "safe stop" function (safety category 3). By using new hardware the processor power has been increased once more for faster signal processing and command execution response times.

Together with the MR 4 servo motors the TrioDrive D/PS offers modern servo technology for highest demands. The new MR 45 servo motor series was presented at the Hannover Fair this spring for the first time. The compact servo motors excel by high power density and dynamics and are already proving successful in a large number of applications.

The servo controllers are designed for direct connection to 230 V mains (integrated line filters). Matching servo motors are available for the torque range from 0.3 to 5 Nm.

From this year on, you will find ESR Pollmeier at stand 1-352 in the new servo technology hall 1.

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