

Decentralized drives: MOVIMOT®

NEW: Z.9 field distributors with PROFINET communication



Save time and costs with the 1:3 assignment

Easy to plan, expand and install: that is how we at SEW-EURODRIVE see decentralized installations with our drive technology components. The special feature of the Z.9 field distributor is its 1:3 assignment: One field distributor supplies and controls three gearmotors.

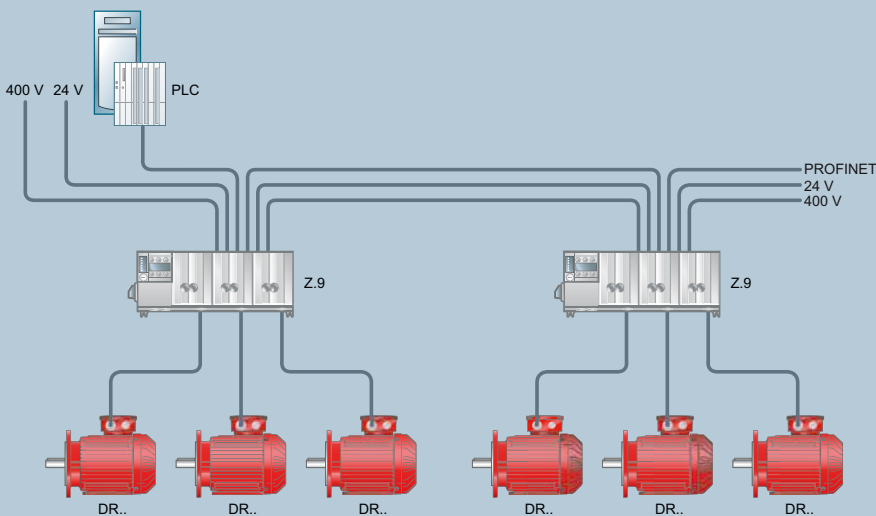
The new Z.9 field distributor perfectly complements the existing field distributor and MOVIFIT® portfolio. Due to the combination of performance, communication, and connection technology, decentralized system topologies can be implemented in a way that saves time and costs. The wiring and installation effort can be reduced significantly for roller conveyors, accumulating roller conveyors, rotary tables and many other simple applications.

The new Z.9 field distributor is based on a module terminal box with connection distributor, a plug-in fieldbus module for PROFINET IO communication and three MOVIMOT® inverters.

Perfect conditions for the use of a Z.9 field distributor:

Conveying various loads

- Start/stop and speed adjustments via bus
- Non-time-critical movement without positioning accuracy
- 1-2 initiators per conveyor unit



Fieldbus/inverter assignment = 1:3

- One communication module for three drives
- 24 V / 400 V parallel and daisy chain wiring
- 6 DI allow for 2 initiators per axis

Gearmotors in various designs

- Motor power ratings 0.37 kW – 1.5 kW
- Optional brake
- Optional temperature switch (TH)

Z.9 field distributor with MFE52B fieldbus module

- Three MOVIMOT® inverters 0.37 kW – 1.5 kW
- Star or delta connection – switchable
- Pluggable motor connection (length 15 m)
- Optional internal braking resistor
- Optional maintenance switch (with and without feedback)

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