

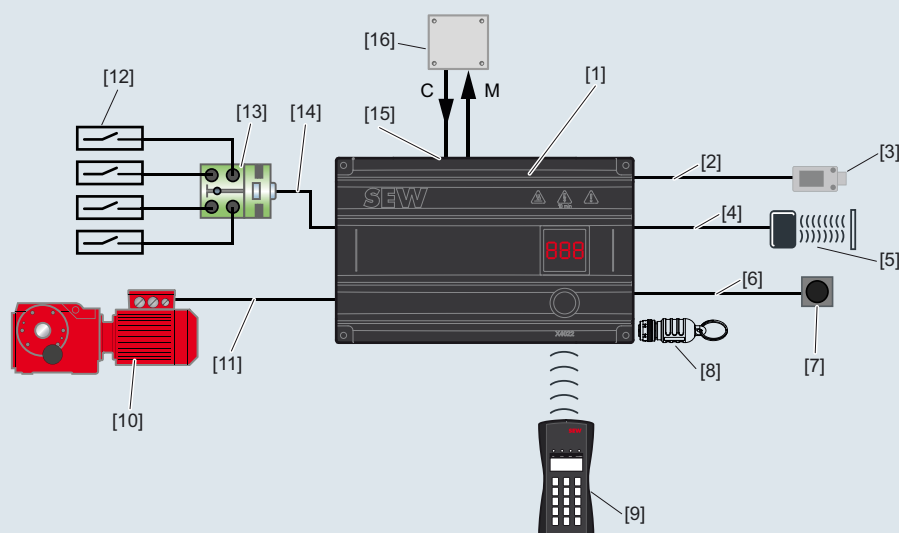


MAXOLUTION®
Package Electrified
Monorail System
EMS basic



A simple and reliable solution for overhead transportation

The MAXOLUTION® package electrified monorail system EMS basic is designed for transportation and buffer tasks with power requirements of max. 1.5 kW. Communication to and from the single-axis vehicle is via half-wave signals. The track with 6 conductor rails can be made up of different segments to support a range of functions and speeds. All vehicles within a particular segment behave in the same way – distances are controlled using collision protection sensors and/or optical sensors.



Components used:

- [1] MOVIPRO® PHE application controller
- [2], [4], [6], [11] and [14] Cables
- [3] Collision protection sensor
- [5] Optional: distance sensor
- [7] Optional: external operating stop switch (otherwise jumper plug)
- [8] Optional: parameter memory
- [9] Optional: PZO keypad
- [10] DR.. gearmotor travel drive
- [12] Up to 4 magnetic switches
- [13] Optional: sensor/actuator box
- [15] Contact conductor connection
- [16] Half-wave evaluation and generation module

Not shown: parameterizable MOVIVISION® plant software for EMS basic

Advantages:

- Savings on installation costs thanks to prefabricated cables and calibrated components
- Straightforward, fast startup due to simple parameterization via plant software
- Up to 8 speeds provided by magnetic switches for full wave
- Quick replacement of components due to replaceable parameter module
- Direct error analysis on vehicle control LED display
- Straightforward documentation as set parameters can be exported as text file

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