

Thanks to the ECO Tronic EBS everything on your trailer is under control, incl. the complete air suspension. And fitted with the right components.

A perfect trailer running gear system also includes intelligent installation and control of the air suspension. The ECO Tronic EBS is the ideal basis for this. The benefit to you with BPW: with our optional air suspension systems you get everything you need from a single source. And that means: 100% perfectly fitting components, reduced installation costs and optimum running gear tuning for every application.

Trailer Control Module (TrCM)



- ▶ **Emergency brake valve:** allows ABS-controlled braking in the event of a fracture of the supply line. Following a loss of air in the pressure tank, braking is performed using the spring brakes
- ▶ **Check valve:** prevents loss of pressure in the supply tanks in the event of a fracture of the supply line
- ▶ **Overflow valve:** guarantees primary compressed air supply of the braking system and de-couples this from the auxiliary consumers (e. g. air suspension)
- ▶ **Quick release valve:** overrides the braking by uncoupling the supply line and automatically switches to the operating condition for recoupling
- ▶ **Parking valve:** for actuating the parking brake



TrCM – Features and benefits

- ▶ Significant reduction of the line lengths and the assembly outlay
- ▶ Integrated fracture safety device
- ▶ Integrated overflow valve for connecting the air spring installation

COLAS+ raise and lower valve



- ▶ **For trailers with air suspension**
- ▶ **Dead man's function:** after releasing the lever from the "Raise" position, this automatically swings back to the central position
- ▶ **RoRo function:** engages in the "Lower" position and does not automatically spring back to the central position
- ▶ **Reset-to-ride function:** automatic resetting to ride height at speeds above 15 km/h
- ▶ Integrated **test point**



COLAS+ – Features and benefits

- ▶ Simple wiring and configuration
- ▶ Prevents driving with the wrong ride height
- ▶ Rapid response thanks to high flow capacity resulting in time saving when raising and lowering