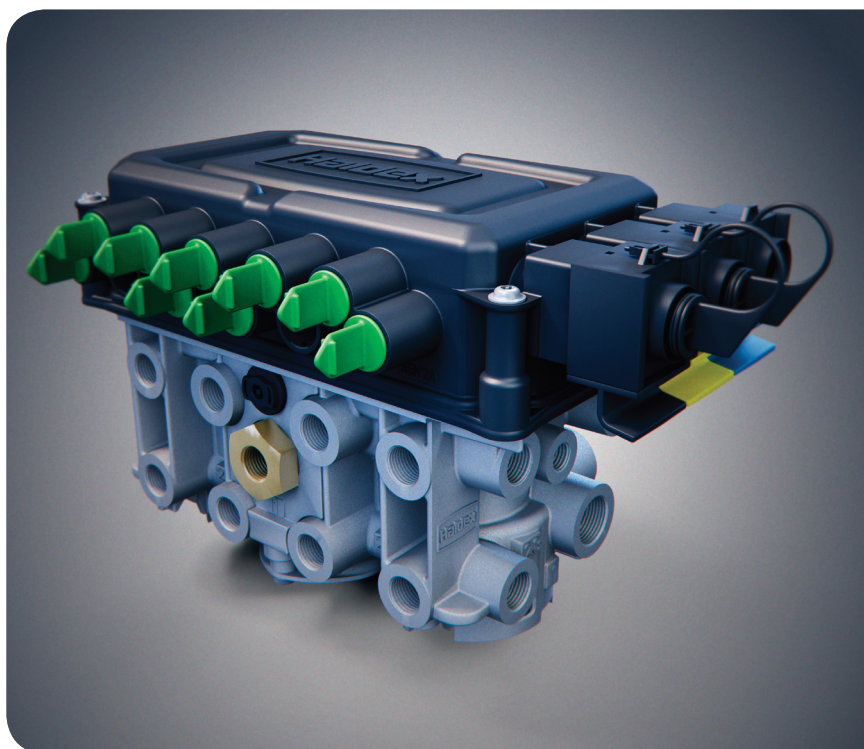


Transpec Multivolt Electronic Braking System

BPW Transpec announces the release of the next generation of EBS for trailers.

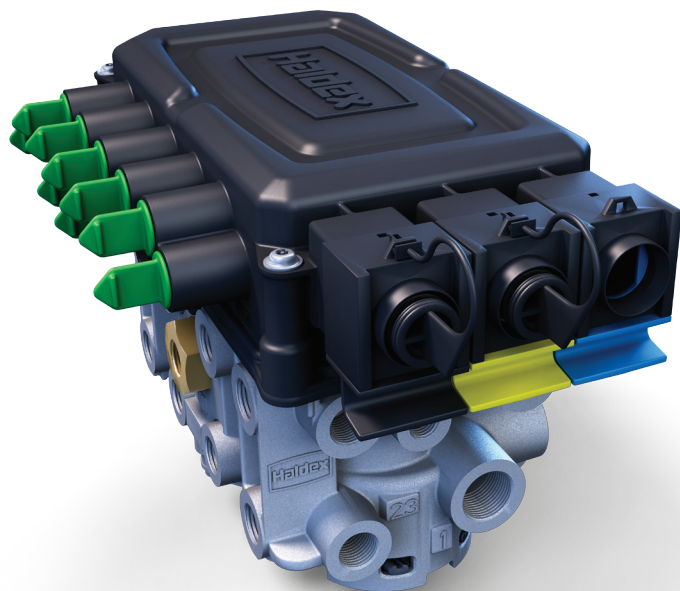


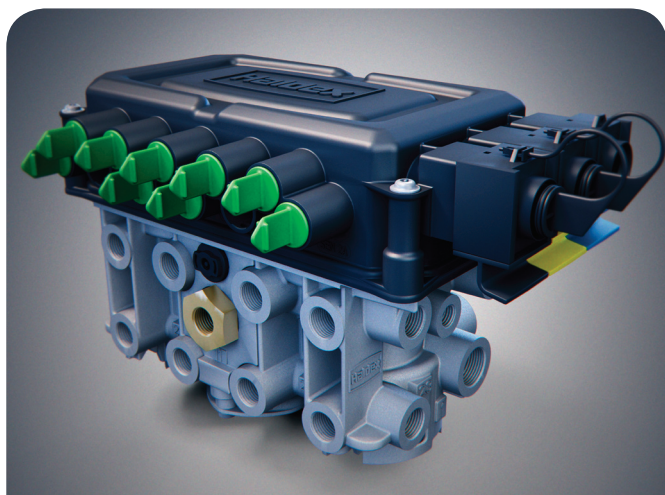
Benefits

- Easy, logical vehicle installation
- Multi-voltage operation
- Flexibility, with up to five input/output channels, two dedicated analogue channels and three dedicated digital inputs
- Load sensing for both Master and Slave to optimise brake efficiency and wear
- Connect multiple CAN devices, eg, TPMS, Trailer Monitor or telematics
- Integrated anti-compound valve
- Valve integrated with electronic load sensing and stability control

Extensive software and hardware development: the next generation of Transpec Electronic Braking Systems for trailers give them a capacity greater than ever.

Transpec Multivolt Trailer EBS is a 12/24V EBS with integrated roll-over control, intended for fitment to full (dog), semi and centre axle (pig) trailers using full air braking systems with air/mechanical suspension. Cabling and piping options can be selected for use in B-double lead trailers, dog lead trailers and multi-combination trailers. This top of the range configuration delivers EBS braking with integrated ABS, electronic load-sensing, three modular configuration and a range of other inputs/outputs to control other functions.





Transpec Multivolt

Seamless housing, more connections and faster response

The third generation of EBS is now even more efficient thanks to a large number of additional features.

- ⦿ Operating range from 8 to 32 V
- ⦿ Response time boost
- ⦿ AUX 4 & 5 external pressure sensor: allows internal pressure sensor to be replaced by external ones
- ⦿ AUX 2 & 3 with an electrical switch on the yellow wire (Premium version): additional output capability
- ⦿ Standby power mode: allows some auxiliaries to continue to operate after ignition is switched off
- ⦿ Two CAN bus-based diagnostic ports instead of one: allow two devices to be connected without a splitter cable
- ⦿ Super AUX capability as standard

Increased versatility

The new valves have a voltage operation range of 8-32V enabling them to be used in both 12V and 24V systems without the need of a voltage booster (Inverter). The ECU is encased in a revised housing with additional connections. Two of the five AUX electrical connections now have twin outputs. There are also two CAN bus-based diagnostic ports instead of one. This means two CAN bus systems can be connected without complex external cabling.

At a glance: Transpec Multivolt (EB+ Gen3)

EB+ Gen3
2M or 3M
8 – 32 V
2 x CAN-Interface
Switchable CAN termination
Response time boost
External pressure sensor possible
AUX: 5 digital outputs, 2 analogue inputs
Standby power mode
Load transfer function possible

The number of EBS controlled trailer systems is increasing

From trailer lift axles, brake wear sensors, Reset-to-Ride function and Soft Docking to Trailer Analyser (Fleet+), tyre pressure monitoring and Trailer Monitor (Info Point), the Transpec Multivolt generation EBS is able to integrate considerably more systems than before. In this way, Transpec Multivolt takes into account the rapidly growing number of wide-ranging systems that communicate with EBS.



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