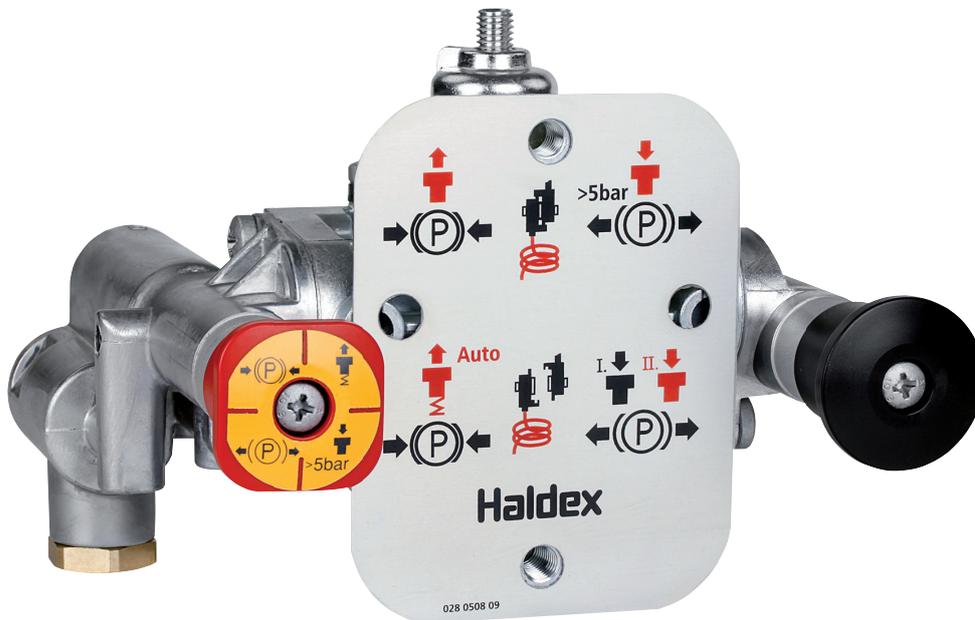


TEM[®] Safe Parking

Haldex

Technical Information



Haldex Trailer Emergency Module parking and release valve with integrated emergency brake valve as well as a pressure protection valve for auxiliary devices (e.g. air suspension) for twin-line air brake equipment in towed vehicles. The TEM[®] has a flange-fitted release valve and a parking valve for the spring brake. Safe Parking is a new feature, effecting the spring brakes coming into action during uncoupling or pressure loss. Before departure the spring brake actuators have to be released manually using the parking valve. In particular, the TEM[®] satisfies the requirements of EEC Braking Systems Directive 71/320 and ECE R 13.

The new Trailer Emergency Module stands for added safety. Safe Parking prevents fatal consequences resulting from incorrect coupling.

Benefits

Parking and release function using the integrated control buttons (parking and release valve).

Pressure protection valve (optional) for the air suspension system (ILAS[®], COLAS[®]) or other auxiliary devices.

Can be used in all trailer vehicles with ABS and EBS.

Weight reduction, reduced number of fittings and piping.

Safe Parking, protection for the driver in the event of incorrect operation.

Spring brakes are activated in the event of a pressure loss in the air system.

Use

Semi-trailers
Centre axle trailers
Full trailers

with:

Service brake circuit and spring-actuated parking brake
EB+ (EBS), all systems
ABS, all systems
Supply to auxiliary devices via integrated pressure protection valve (optional)

Technical data

TÜV Rep.No. KO 258.OE
Operating pressure $p_e = 10$ bar
Operating temperature $-40^\circ\text{C} - +80^\circ\text{C}$
Weight approx. 1.2 - 1.6 kg
Medium Air

Pressure protection valve C 6 - 22

Opening pressure: $p_e = 6.2$ bar
Closing pressure: $p_e = 5.2$ bar

Port designations

1 = supply port (palm coupling supply)
1-2 = supply/delivery port (reservoir)
3 = exhaust (spring brake)
12/2 = delivery port (spring brake)
21 = delivery port twice
(pressure protection valve)

Versions

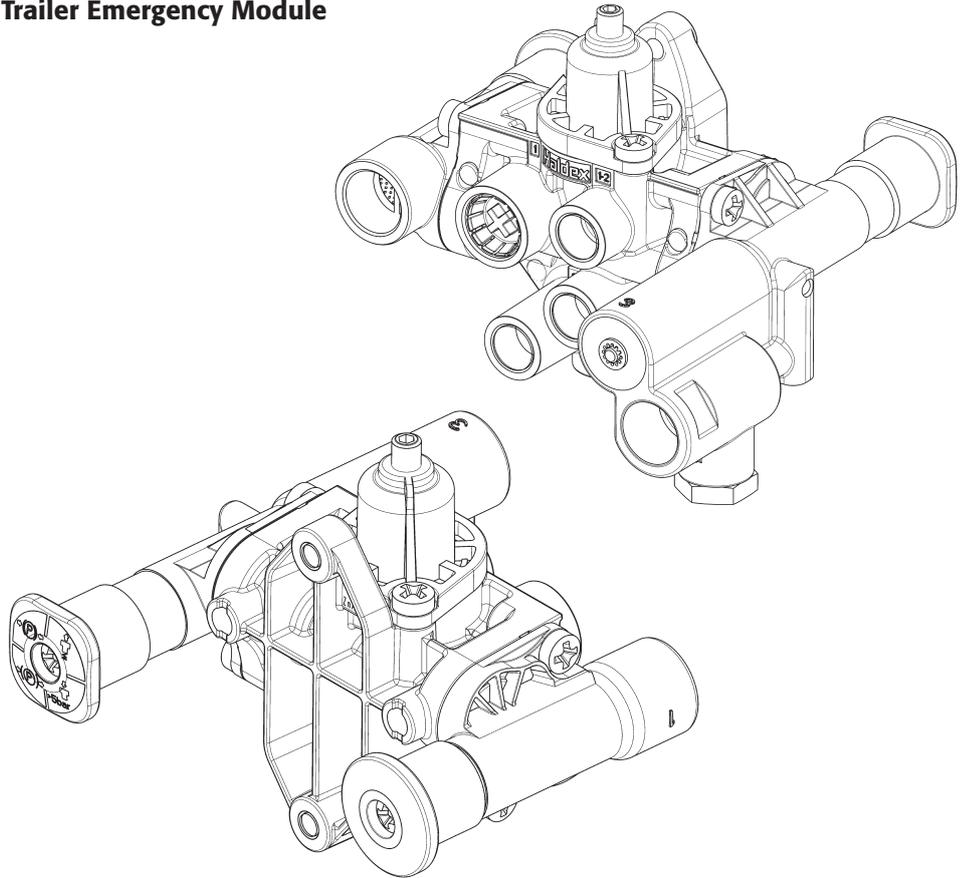
352 075 001 with pressure protection valve and shunt valve
Instruction plate 028 0508 09 and Warning label 028 0477 19 are supplied loosely

352 075 011 without pressure protection valve and with shunt valve
Instruction plate 028 0508 09 and Warning label 028 0477 19 are supplied loosely

352 075 031 with pressure protection valve and without shunt valve
Instruction plate 028 0509 09 and Warning label 028 0477 09 are supplied loosely

352 075 051 without pressure protection valve and without shunt valve
Instruction plate 028 0509 09 and Warning label 028 0477 09 are supplied loosely

Trailer Emergency Module



Function diagramm

