

MERITOR WABCO

Safety Strong. Efficiency Smart.



Intelligent Brake Interlock System Electronically Controlled System for Pneumatic Brakes

Using breakthrough technologies, the unique design and speed-monitoring system of Intelligent Brake Interlock engages the foundation brakes during loading and unloading.

The electronic design senses if a vehicle is in motion to avoid inadvertent brake applications that can occur with fully pneumatic systems. Intelligent Brake Interlock is the latest addition to Meritor WABCO's Intelligent Trailer Program of advanced trailer technologies.

HOW IT WORKS

Intelligent Brake Interlock monitors the state of position switch on the trailer. The switch can be activated by a door, valve or other mechanical device, depending on the design and manufacturer of the trailer.

When the position switch indicates that loading or unloading is taking place, Intelligent Brake Interlock sets the foundation brakes electronically to ensure the vehicle does not move during this operation. The system prevents drivers from moving the vehicle until all locking accesses have been secured. Once secured, the Intelligent Brake Interlock unlocks the brakes automatically.

Using the ABS wheel speed sensing, Intelligent Brake Interlock will not activate when the vehicle is at speed, preventing inadvertent brake applications.

BENEFITS

- Reduces risk of accidents while driving
- Eliminates loss of cargo due or unsecured tankers
- Saves on costs reducing maintenance of valves and linkage
- Prevent drivers from leaving without all locking accesses secure
- Eliminates loss of or destruction of loading/unloading equipment
- Provides peace-of-mind for fleets

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WHO SHOULD USE IT?

TANKERS CARRYING:

- Gasoline
- Diesel and crude oil
- Cryogenic and compressed gases
- Food grade
- Heated tanks
- Chemicals



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