Haldex has the right-sized ABS ECU Platform to provide your 4S/2M (or 2S/2M) application with the most reliable performance. The Select 2M System features a simple and robust design that has fewer components and connections, meaning fewer failure points, resulting in reduced installation costs and higher reliability.

PLC Select 2M features that reduce installation and service costs include:

- Sensor and power connectors plug directly into the ECU
- Primary solenoid cable is part of the ECU
- Pre-installed nipple with swivel-nut FFABS makes installation easy
- Second valve cable comes in variable lengths, plugging directly into the ECU to customize installations
- Robust mounting bracket with single fastener design

To assure reliability and dependability, Haldex protects its PLC Select 2M against contaminates, moisture and corrosives with a corrosion-resistant potted ECU enclosure.

The PLC Select 2M operates using multiplexing technology for communications and diagnostics without a costly second connector. Its exclusive control logic provides better control and stopping power at every wheel.

And it’s equipped with a complete diagnostic system in addition to electronic odometer capability. With its standard Notebook expanded memory capability, the PLC Select 2M electronically stores vehicle, maintenance and other data right in the ECU. The standard on-board diagnostic system blink codes use a trailer-mounted ABS lamp.

Meeting FMVSS121 requirements and manufactured to survive the toughest conditions, the Haldex PLC Select 2M FFABS is backed by the best ABS warranty on the road.
Operating in conjunction with the PLC Select 2M, Haldex has an alternative to conventional mechanical hub odometers; the new Electronic Odometer (e-ODOMETER). Its simple design allows access to trailer odometer readings at the press of a button. With an on-board battery, the e-ODOMETER operates without vehicle power. So, whether powered or not, you can check the odometer reading, easily access and/or reset the trip mileage, or display an active diagnostic code with the press of the button. When the trailer is powered, the e-ODOMETER can also verify sensor readouts.

This economical tool mounts to the nose of the trailer for protection from damage, while the EGP cover adds additional protection, in addition to a level of data privacy. More accurate than conventional hub odometers, the e-ODOMETER restricts tampering since data is stored in the ECU.

Electronic Odometer

Communications and Diagnostic Tools

The Haldex PLC communication and diagnostic tools include both a Windows-based PC package and a hand-held Info Center display unit.

The Info Center provides complete ABS diagnostics using a digital display. It permits access to electronic odometer data and allows setting of maintenance intervals. It also supports monitoring and control of trailer auxiliary devices from the Cab when used with a “PLC Plus” ECU.

The Haldex “PLC Plus” ECU platform supports monitoring and control of trailer auxiliary devices for various preventive maintenance, warning and operational features that improve productivity and lower cost-of-ownership.

The Windows-based PLC PC package offers all the features of the PLC Info Center – PLUS features an interface that enables the Notebook function, provides end-of-line tests with printouts and allows you to program the “PLC Plus” ECU.

Haldex Leadership in ABS

Haldex ABS platforms continue a tradition of innovation and quality, making us the global leader in trailer ABS performance and safety.

- While the competition was arguing for more costly and complex ABS solutions, Haldex pioneered the simpler 2S/1M (2 Sensor/1Modulator Valve) configuration that has since become the industry standard.

- Haldex was the first to add options that improve productivity and lower ownership cost – such as our patented “Full Function ABS” valve platform, single valve package that integrates service brakes, spring brake control, anti-compounding and ABS.

- Other Haldex-patented innovations, including Select Low High (SLH) Technology, continue to set new standards for trailer ABS value.

No one has a better track record of innovation than Haldex. And, with commitment to continuous improvement that includes QS 9000 design, quality and production standards, Haldex Trailer ABS will continue to enhance P&L for OEM trailer builders, fleets and owner-operators – far into the future.