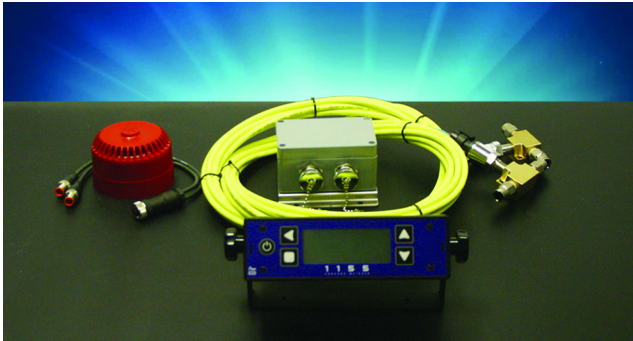


Overload Protection for Air Suspension Vehicles



DISPLAY

- LCD with graphics
- DIN, dash or trailer mount
- Gross/net weight
- Individual axle weights
- Stability indication
- Diagnostics

FEATURES

- Capacity - 17 to 50 tonne
- Accuracy - $\pm 1.5\%$
- Net payload weight
- Display shows GVW and percentage loading on tractor and trailer
- Alarm sounder
- Printer RS232 output
- Trailer identification

OPTIONAL FEATURES

- Printer - thermal
- Printer - heavy duty
- Custom printer headers
- 511 FreeWeigh - hand held remote display

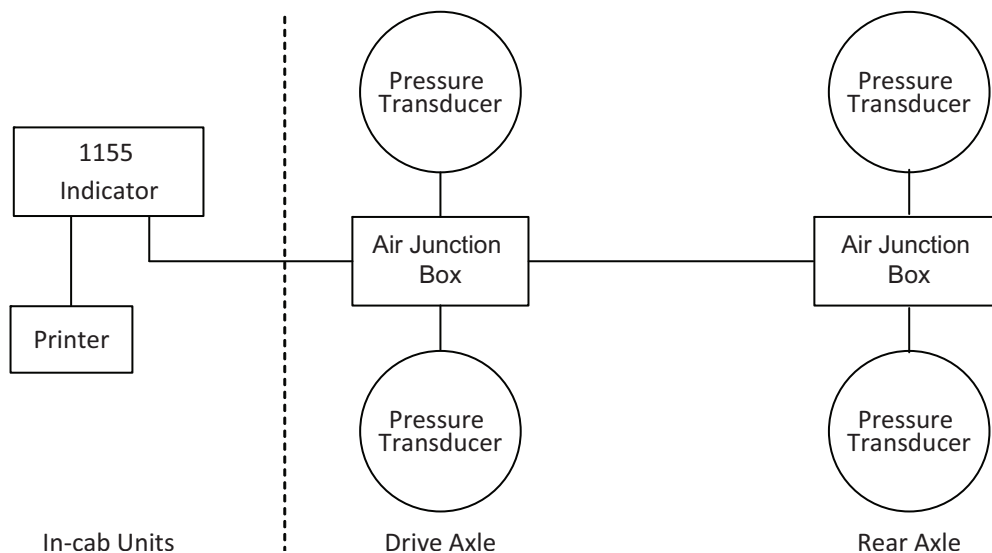
DESCRIPTION

The durable 1155 Air & Air overload protection system is designed for heavy goods vehicles with air suspension. Accurate and simple to operate, the 1155 Air & Air is suitable with any combination of tractor trailer in multiple vehicle fleets via trailer swap identification. The system uses sensors fitted to the air suspension to display front and rear axle groups as well as vehicle total weight on the 1155 indicator. The easy calibration process requires 2 steps: an empty and then fully loaded vehicle and access to a weighbridge.

APPLICATIONS

- All heavy goods vehicles with air suspension

SYSTEM BLOCK DIAGRAM



Overload Protection for Air Suspension Vehicles

SPECIFICATIONS				
PARAMETERS	MINIMUM	TYPICAL	MAXIMUM	UNIT
SYSTEM				
Accuracy	1.5			% GVW
Gross weight capability	17		32	tonnes GVW
Operating voltage	15	24	30	Vdc
Supply current - operation (@24Vdc)			300	mA
Supply current - standby (@24Vdc)			10	mA
Operating temperature	0		60	°C
INDICATOR				
Type	LCD			
Size	79.0 x 30.9			mm
Operating temperature	-10		+50	°C
Resolution	240 x 90 dots			
Dot pitch	0.42			mm
Environmental protection	IP20			
On screen display of weight				
Password protection	4 digits, manager and user PIN			
Load deliver capability				
Form factor	Din cut out			
ACCESSORIES AND OPTIONS				
511 FreeWeigh compatible	Wireless remote unit, 868 MHz, 15 channels			
Weighing modes	Standard, axle, twin/5 th wheel and air, drawbar			
INTERFACES				
Serial printer port	RS232, 9 pin female			
Baus rate	1200, 2400, 9600, 19200, 57600			bps
Expansion connector	12 pin male			
Junction box connector	4 pin male			
Power connector	4 pin male			
Overload alarm audible	Optional external alarm sounder on vehicle			
Alarm output level (@24Vdc)	102			dB(A)
Adjustable bracket				
Trailer mount				
Retro compatibility	The 1155 automatically detects whether analogue or CANbus signals are used. This means complete compatibility for new and existing systems, enabling easy to read on screen fault messages, should a problem occur.			

Disclaimer

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