



Height indication system



Camera systems



Forward-reverse protection



Battery guard



Shock detector



Vehicle intercom



Level sensor



Electronic code switch



Battery brain



Data-logging keypad



- Overspeed warning system
- Camera systems
- Electronic code switch
- Data-logging keypad
- Rear detection system
- Vehicle intercom system
- Battery brain
- Battery guard
- Height indication system
- Shockswitch
- Level sensor
- Forward-reverse protection

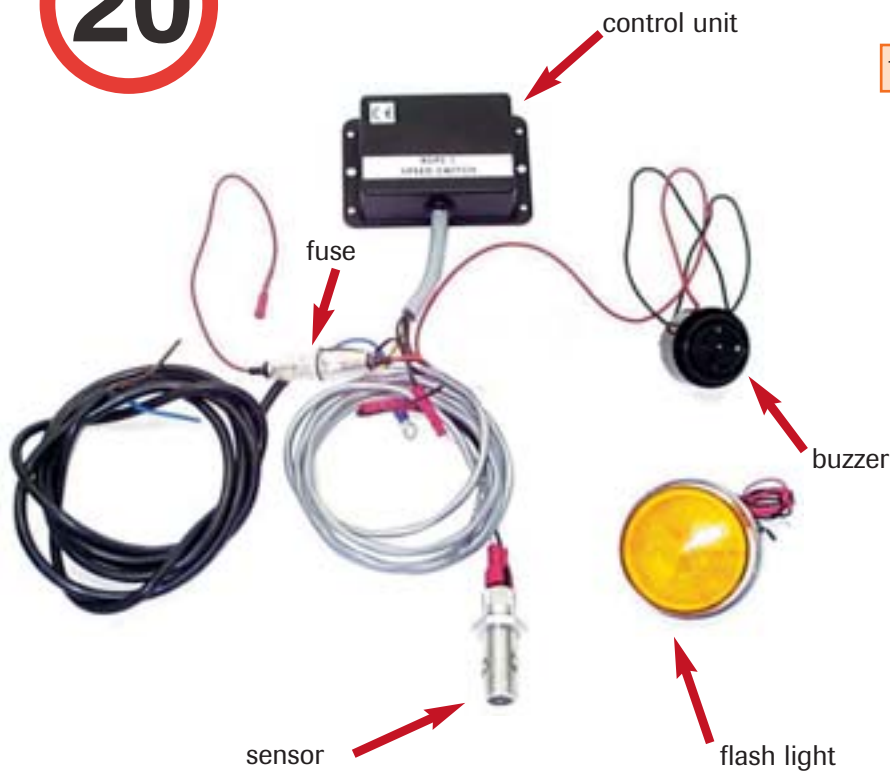
ELECTRONIC ACCESSORIES

OVERSPEED WARNING SYSTEM



As a driver you are not always aware that you are speeding. This system offers you a full kit, with buzzer and warning light, which will be activated as soon as a certain speed is reached. The desired speed can easily be adjusted with a potentiometer.

20



12V/24V REF 123TA7716

This kit can be installed on virtually every forklift. Tapping the holes for mounting the sensor becomes easy with the drilling kit.



DRILLING KIT:
REF 105TA4906

Call now for your free installation manual!



NEW IN PROGRAM

MONOCHROME CAMERA SYSTEM



SPECIAL OFFER

Our **lowest cost system** - but with no compromise on reliability! Conventional 5.5" black and white CRT monitor includes the functionality that you would expect only on more expensive systems, including 2 camera inputs as standard, a day/night dim switch, manual/auto power switch, brightness and contrast controls, and a neat and easily fitted sunshield. The compact monochrome camera includes no less than 18 LED's for ultra-low light performance, which are activated in low light conditions so that you can see even in nearly pitch-black conditions!



COMPLETE SYSTEM

REF 123TA7717

- 5.5" CRT monitor
- ultra-low light camera
- 20m cable with waterproof connector

1 YEAR WARRANTY

MONITOR

REF 123TA7718

- 5.5" monochrome CRT screen
- night-time dim switch
- 12-24 VDC universal voltage
- sun shield
- 100G mechanical shock
- contrast & brightness controls
- 5G mechanical vibration
- -10°C to + 50°C operating temperature
- mirror/normal image switchers
- two camera inputs
- CE and E certified (EMC)
- dimensions: 154 (W) x 143 (H) x 190 (D)

CAMERA

REF 123TA7719

- 18 infra-red LED's
- automatic electronic iris
- ultra-low light performance
- fully waterproof (IP68)
- 100G mechanical shock
- cable connector fully waterproof (IP67)
- 10G mechanical vibration
- -20°C to + 70°C operating temperature
- sun shield
- CE and E certified (EMC)
- 12VDC (from monitor)
- dimensions: 70 (W) x 44 (H) x 54 (D)

CABLE

REF 123TA7721

- 20m
- with waterproof connector

ACCESSORIES

- cable retractor

REF 123TA7720



TFT LCD COLOUR CAMERA SYSTEM

Unbeatable **colour flat screen system** ! Look no further if you want an **easy-to-use**, 1 or 2 camera system that delivers a clear and sharp colour picture. The neat and attractive 5" TFT LCD colour monitor is the ideal size for vehicle applications, even when cab space is limited, and it comes complete with a universal mounting bracket for quick and easy installation. The compact colour camera includes no less than 18 infra-red LED's, which are activated in low light conditions to ensure that you can see even in nearly pitch-black conditions!



COMPLETE SYSTEM

REF 123TA7722

- 5.5" TFT LCD colour monitor
- colour ultra-low light camera
- control module, 2 camera inputs
- 20m cable with waterproof connector

**1 YEAR
WARRANTY**

MONITOR

REF 123TA7723

- 5.5" TFT LCD colour screen
- colour & tint controls
- 100G mechanical shock
- mirror/normal image switchers
- contrast & brightness controls
- 5G mechanical vibration
- -10°C to + 60°C operating temperature
- 12VDC (direct or from control module)
- integrated speaker with volume control
- CE and E certified (EMC)
- dimensions: 163 (W) x 125 (H) x 30 (D)

CAMERA

REF 123TA7724

- 18 infra-red LED's
- automatic electronic iris
- ultra-low light performance
- fully waterproof (IP67)
- 100G mechanical shock
- 10G mechanical vibration
- -20°C to + 70°C operating temperature
- sun shield
- CE and E certified (EMC)
- 12VDC (from monitor)
- dimensions: 70 (W) x 44 (H) x 54 (D)

CONTROL MODULE

REF 123TA7725

- two camera inputs
- CE and E certified (EMC)
- VCR output
- dimensions: 118 (W) x 36 (H) x 79 (D)

CABLE

REF 123TA7721

- 20m
- with waterproof connector

ACCESSORIES

- cable retractor

REF 123TA7720

HEAVY-DUTY TFT LCD COLOUR CAMERA SYSTEM

3 YEAR
WARRANTY

COMPLETE SYSTEM



Complete system	REF 111TA4111
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TFT LCD colour monitor with audio	REF 111TA4112
Colour camera with audio	REF 111TA4113
Control box	REF 111TA4114
Cable (20m)	REF 111TA4115

The pocket-sized, technologically advanced colour CCTV system which gives you eyes in the back of your head.

Easy installation!

COLOUR MONITOR WITH AUDIO



TFT LCD colour monitor with audio	REF 111TA4112
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FEATURES :

- Brightness sensor**
 (Automatic brightness control) - Monitor brightness will be adjusted automatically according to light conditions. All controls on the monitor are "nightglow" for use in the dark.
- Camera selector button**
 Up to three cameras can be connected to the monitor using the Control Box. On-screen display indicates which camera is operating and is used for all operational settings.
- Menu buttons**
 On selection, a list of operating functions, controls and options will appear on-screen ("auto switch-off" after five seconds).
- Electronic distance markers**
 The distance markers can be set to appear automatically on-screen when reverse gear is engaged. Can be adjusted to suit your own vehicle.
- CAI (mirror) control**
 The monitor display can be set either to mirror image or to normal image for each camera.
- Auto time control**
 If two or three cameras are used, the system can be set to switch automatically between your choice of cameras and time settings.
- Colour, brightness, contrast and tint control**
 The image can be adjusted by using the menu button and on-screen display.

SPECIFICATIONS :

- | | |
|----------------------------|--|
| • Power input: | 12VDC (from control box) |
| • Power consumption: | max 12 watt |
| • Video system: | compatible NTSC, PAL |
| • Viewing angles: | Top: 10° Bottom: 30°
Left: 45° Right: 45° |
| • Screen size (diagonal): | 142.2mm (5.6") |
| • Resolution: | 224,640 pixels |
| • Auto dimmer: | Auto/Manual selectable |
| • Autocontrast/brightness: | Day and night sensor |
| • Operating temperature: | -10°C to +50°C |
| • Vibration: | 4G |
| • Dimensions (WxHxD) : | 172 x 115 x 28 mm |
| • Weight: | 380g |

HEAVY-DUTY TFT LCD COLOUR CAMERA SYSTEM

3 YEAR
WARRANTY

COLOUR CAMERA



colour camera with audio

REF 111TA4113

FEATURES:

- Six infra-red LEDs give ultra low-light performance
- Compact and heavy-duty
- CCD (charge coupled device) image sensor gives a high resolution picture
- Wide field of view
- Waterproof, can be steam-cleaned and pressure-hosed

SPECIFICATIONS :

- Pickup device Interline transfer type: 1/3" CCD
- Total picture elements: 291,000 Pal
- Viewing angles: 105°(H) x 80°(V) x 130°(D)
- Minimum illumination: 0.5 Lux up to 3.65m
- Power requirements: 12 VDC (from control box)
- Operating temperature: -20°C to +70°C
- Vibration: 10G
- Dimension (WxHxD): 94 mm x 44mm x 64 mm
- Weight: 330g

CONTROL BOX



Control box

REF 111TA4114

SPECIFICATIONS:

- Power input DC:10-32VDC
- Power consumption: max. 18 watt
- Operating temperature: -10°C to +50°C
- Vibration: 4G
- Dimensions (WxHxD): 185 mm x 117 mm x 28 mm
- Weight: Approx. 790g

CABLE WITH WATERPROOF CONNECTORS



Cable (20m)

REF 111TA4115

CABLE REWINDER



Cable retractor

REF 112TA4906

ELECTRONIC CODE SWITCH (ECS)

12-90 VDC

1 master code/15 user codes

Last driver view

Automatic turn-off



REF 105TA2719

12-90 VDC

ELECTRONIC CODE SWITCH

1
The electronic code switch can be used on different applications. Any vehicle within the voltage range 12-90VDC can benefit from fitting the unit.

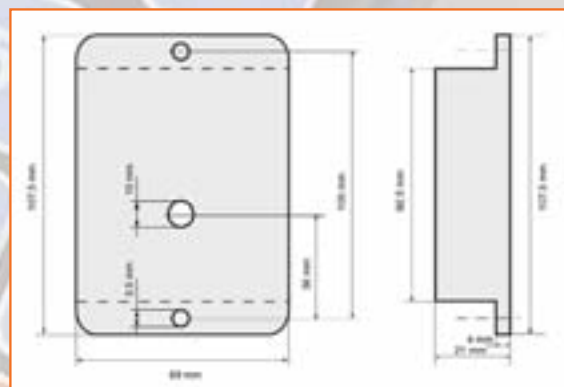
2
With the master code you can program all pin-codes. Up to 15 different codes can be entered.

3
If an accident occurs and the vehicle is damaged, you can easily track the last driver by counting the number of red and green flashes.

4
When connected through the seatswitch, the system will deactivate the vehicle after a pre-set period of time; This drop-out time is easily adjustable.

TECHNICAL SPECIFICATIONS:

- VOLTAGE INPUT:** 12-90VDC
Correct voltage level must be set with the DIP-switches on the rear of the ECS.
- OUTPUT:** Relay contact rating: 6Amp continuous - 10Amp (5 sec). For bigger loads, an external relay must be used.
- CURRENT USE:** 10mA when relay is not activated. Less than 60mA in activated operation.
- CASE:** ABS plastic
Front side: IP65 - Rear: not sealed.

DIMENSIONS:

CALL NOW FOR YOUR FREE INSTALLATION MANUAL

DATA-LOGGING KEYPAD

APPLICATION :

The Guardian will operate on both electric and gas-powered equipment with battery or control voltages ranging from 12 to 84 Volts DC. Its easy-to-use approach means there is no need for extensive operator training. Simply give the operator his four-digit password and send him to work. The unit activates as soon as it receives a valid password and deactivates after either the CLR key is pressed or by turning off the key switch and waiting for the programmed time-out period.

This new product will finally give equipment managers the tools they need to track their equipment use with a resettable usage timer for simplifying periodic maintenance schedules.

FEATURES :

- The setup is nearly as simple for the administrator as the operation is for the user. Once the eight-digit supervisor code is entered, the unit is not only capable of being moved, but can also be set up easier than most VCRs. There are 20 functions that can not only add and delete users, set date and time, manage the periodic maintenance timer, but more importantly, using its built-in four-digit display will tell you who used the vehicle and when.
- Using a PC, you can download the trail of users to a file that can easily be imported by today's powerful spreadsheet and database programs to give detailed reports on vehicle usage, operator statistics and more. You say you have several units to manage? NO PROBLEM! Each GUARDIAN can be set to a unique unit ID number. This ID-number is used when the usage trail is downloaded so the operation of several units can be merged together to give the "BIG PICTURE".
- You can also upload a list of users to the GUARDIAN so there is no need to spend a long time pushing buttons. One hundred users can be uploaded in less than 3 seconds. A list of users can also be downloaded from the GUARDIAN.
- The "3 strikes and you're out"-feature, will lock out all users after 3 sequential unsuccessful pin entries. The unit can be re-enabled by a programmable time-out feature, or by entering the supervisor code.



REF 112TA4908
REF 112TA4909

12 V
24-84 V

SPECIFICATIONS :

- Package : Splash Proof
- Unit Size (LxBxH) : 116 x 69 x 39 mm
- Unit Weight : 225 gr
- Operating Temperature : -15°C to +50°C
- Number of Users : 100 plus the supervisor
- Password Length : 4 digits for users, 8 for supervisor
- Displayable Info : User ID, Start time, Start date, Stop time, Stop date
- Max. trail Records : 175 start/stop operations
- PM Timer Settings : Set in increments of 1 hour
- Elapsed PM Time : Displayed in increments of 1 hour
- PC Interface : Standard Serial (RS232) Port
- PC Files Created : Standard CSV (common separated value), file with unit number, user number, start time, start date, stop time, stop date, and standard text file with one 4-digit user password per line.

ACCESSORIES :

- Cable RS232 **REF 112TA4910**
- Software **REF 112TA4911**

CALL NOW FOR YOUR FREE INSTALLATION MANUAL

BACKSCAN® REAR DETECTION SYSTEM

BACKSCAN®

REAR DETECTION SYSTEM



REF 111TA4117

Backscan® is an invaluable driver aid to safety but it does not remove the drivers responsibility to ensure normal safety procedures when reversing.

FEATURES:

- reverse with enhanced safety and convenience
- faster, easier and safer manoeuvring
- prevents accidental damage
- sleek design, compact size, latest technology
- super-wide detection angle
- easy and quick fitting

GENERAL:

Backscan® is an ultrasonic rear obstacle detection system, which utilises the ultrasonic echo principle - transit time method - to help drivers reverse more safely. It is equipped with two pairs of sensors which emit a steady intermittent ultrasonic signal. The sensors both operate as transmitters and receivers, emitting and receiving reflected ultrasonic signals from possible obstacles. The distance from the obstacle is evaluated through the transit time of the evaluated signals and is indicated by a sequence of pulse tones from the warning buzzer. The closer the obstacle, the faster the warning pulse tones until these become constant at 0.45m.

REAR DETECTION SYSTEM

4x bolt-on (to horizontal surface) KX sensors, fully waterproof control box and external cable connectors, 15m extension cable, Audio/visual display with digital readout, LED lights and buzzer.

WARNING DISTANCES:**Centre sensors**

Audio alarming: 0,0 - 1,45 - 1,0 - 2,5 m

LED + digital display: 0,0 - 2,5 m

Outer sensors

Audio alarming: 0,0 - 0,45 m - 0,6 m

LED + digital display: 0,0 - 0,45 m





NEW IN PROGRAM



RADAR SYSTEM

OBJECT DETECTION SYSTEM

The preview radar detection system is a rugged and reliable system for detecting people and objects. Preventing costly accidents and saving lives.

REF	Coverage (up to)
123TA7726	3 m
123TA7727 *	5 m
123TA7728	6 m

* standard type

COMPACT, RUGGED DESIGN

Resistant to environmental conditions such as moisture, dust, vibration, heat, cold, sun glare and others. The system has been tested to comply with the SAE 1455 environmental specification and the system is CE and E certified.

SIMPLICITY

The system contains only three components: sensor unit, in-cab audio visual display unit, and a cable. Covering areas up to 6m.

FLEXIBILITY

It can work as a stand-alone system or it can be integrated with a safe-T-alert back-up alarm

SAFETY

The system can help save lives. It can also prevent damage to vehicles caused by backing up into stationary objects. The system is designed to detect the closest obstacle (whether stationary or moving, human or inanimate) in the area of coverage.

SPECIFICATIONS

Radar frequency	5.8GHz
Rated voltage (12&24 Volt System)	9.8-33Vdc
Power consumption	200 mA (4W @ 12Vdc)
Operating temperature	-40°C to +85°C
Error indicator	Yes
Beam vertical angle	20°
Beam horizontal angle	55°
Detection angle	Approx up 15° down 15°
Visual warning	5 x LED's
Audio warnings	3 Rates
Sensor unit dimensions	13.3 cm (Diameter)
In-cab display unit dimensions	57x25x50 [WxHxD cm]

VEHICLE INTERCOM SYSTEM

VEHICLE INTERCOM SYSTEM

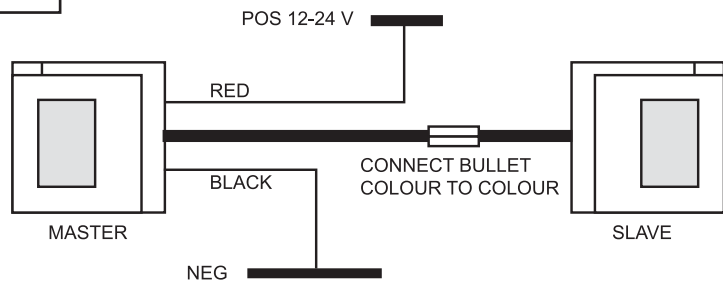
A two-way communication system, operating in simplex form. Provides clear, reliable communication and can be mounted internally or externally.

- 20 meter cable
- Dust/waterproof to IP67
- Steam cleanable and pressure washable
- 80 - 95 dB
- Voltage 10 - 30 VDC



Typical applications :

- Platforms
- Refuse Collection Vehicles
- Ambulances



2 TYPES :

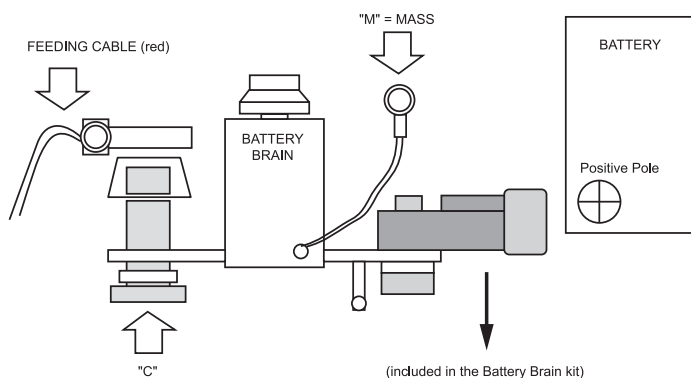
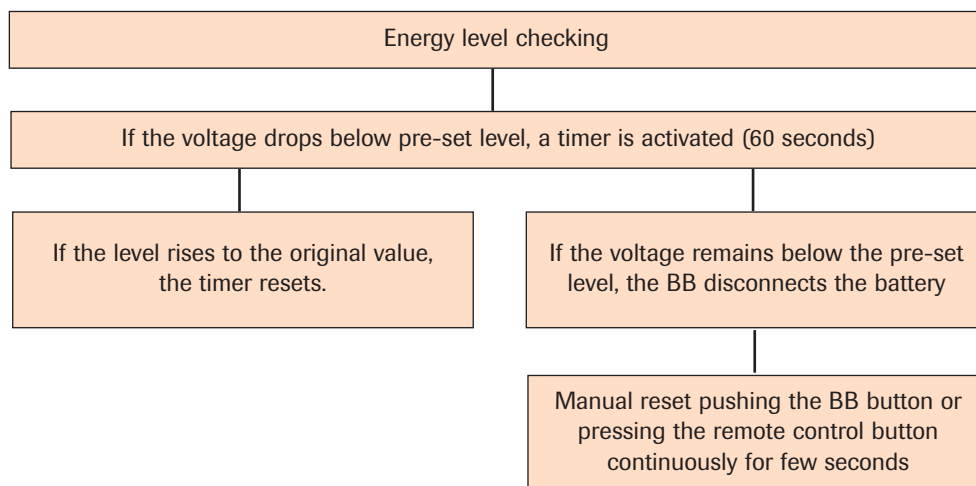
- ONE-WAY:** only the Master can start communication REF 112TA4912
- TWO-WAY:** both stations/posts can start communication REF 112TA4913

BATTERY BRAIN

*No more engine trouble
due to the battery
being run down!*

BATTERY BRAIN SAFEGUARDS YOUR BATTERY:

- Statistics prove that 80% of service calls concern battery run downs
- One of the most common and annoying problems for the driver can now be avoided. Just fit battery brain; It will constantly check the level of the battery energy output of your vehicle.
- If the voltage level drops below the pre-set value (safety threshold) battery brain cuts out the electrical output to the vehicle retaining enough energy to restart the engine.
- If the engine does not start, just open the bonnet and press the push button of battery brain, holding it for a few seconds. The starter is fed again and the engine restarts!
- Battery brain is small and can be fitted in a few minutes to the battery positive terminal. Both for 12 or 24 V versions

**HOW DOES BATTERY BRAIN WORK****FITTING :**

- Disconnect the feeding cable (existing)
- Fit the BATTERY BRAIN on the positive pole and close up the bolt
- Connect the **black cable ("M") to earth** (mass; i.e. the body of the car)
- Connect the feeding cable (existing) to "C"
- The system functions when the button is in "ON" position; **the GREEN LED confirms the correct mounting**
- When the button is in "OFF" position, the system is not in function
- **When the battery discharges, the LED goes OUT.**

BATTERY BRAIN

TYPE 1 : MANUAL CONTROL VERSION



12 V REF 112TA4914
24 V REF 112TA4915

- Device with automatic detachment and manual restart.
- Battery check up with disconnection at a set tension level of remaining energy.
- Restart connection by a simple push on the button.
- Normal use with knob in ON position.
- OFF position : WARNING! In OFF position the circuit is isolated and in case of leaks, the battery will totally discharge.

SPECIFICATIONS:

- Intervention threshold : 11,3 V - 11,9 V - 12,3 V
- Account time : 30 sec.

TYPE 2 : REMOTE CONTROL VERSION



12 V REF 112TA4916
24 V REF 112TA4917

- Device with automatic detachment and manual restart.
- Battery check up with disconnection at a set tension level of remaining energy.
- Restart connection by a simple push on the remote control button for 4-5 sec.
- In case of lack of remote control, restarting the connection is possible by pushing the button.
- Normal use with knob in ON position.
- OFF position : WARNING! In OFF position the circuit is isolated and in case of leaks, the battery will totally discharge.
- The remote control is standard and you can request an extra one.

SPECIFICATIONS:

- Intervention threshold : 11,3 V - 11,9 V - 12,3 V
- Account time : 30 sec.
- Frequency receiver and transmitter RC USA : 315 mhz
- Frequency receiver and transmitter RC EUROPE : 133,9 mhz

BATTERY GUARD

NO MORE ENGINE TROUBLE DUE TO BATTERY RUN DOWN!



12 V REF 123TA8415
24 V REF 123TA7731

Battery guard (similar to battery brain, but independent to it) constantly monitors one or more single devices installed on your car, forklift or aerial platform which may cause the anomalous battery draining when the engine is not running. While battery brain protects the whole electric plant of the vehicle, battery guard concerns only one or more additional devices. These devices must have a continuous working current not exceeding 45 Amps.

Battery guard disconnects the concerning device if the energy level of the battery drops below a preset level (typically 11,85 volts or 23,4 volts, depending on the battery). That allows the driver to start and run the engine normally.

As soon as the battery reaches the standard level (12,6 volts or 25,2 volts) thanks to the alternator feeding, Battery Guard automatically switches on the electric circuit and the device will run again.

No manual operation is required to restart the system.

Simply look at the green Led: Light ON = running, Light OFF = device disconnected

SHOCK SWITCH

A forklift safety alarm and damage control monitor, designed to reduce forklift maintenance costs and to improve driving habits.

The Shockswitch is an impact detector that can be mounted on almost any material handling vehicle. If the vehicle is bumped beyond the impact level you select, an alarm will sound to let the supervisor know an incident has occurred.

The Shockswitch is a major step towards controlling infrastructure, forklift and product damage at your facilities. As an integral component to any quality/safety program, the Shockswitch has been installed on thousands of lift trucks to stop careless operators, and create a safer, more productive work environment, all of which result in a reduction of employer liability.

Many models are available to choose from, but no matter what model you choose, you can expect an important incident reduction. Customers have experienced incident reductions by as much as 90%, and a reduction in impact-related repairs by 50% or more. Investment return is reached within the first year.

PATENTED SENSOR TECHNOLOGY



The patented adjustable sensor uses magnetic technology that will trigger the alarm only upon impact above a selected G level. The sensor has a 360 degree plane of sensitivity.

The sensors are available in 3 ranges :

TYPE	G-LEVEL	APPLICATION	LIFT HEIGHT
M sensor	0,3 to 2 G	Heavy trucks, reach truck,...	+ 3.500 kg
A sensor	0,5 to 3 G	Average lifttruck (this sensor covers 80% of all applications)	1.500-5.000kg
B sensor	1 to 7 G	Pallet trucks	250-2.000 kg

Increase or decrease the sensitivity simply by turning the sensor dial to the desired setting.

TYPES

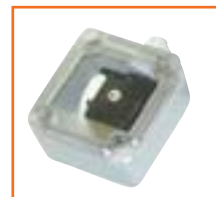
The basic version has a built-in sensor. There are certain situations that require minor modifications to the unit in order to be satisfactory for an application. Such a situation exists when there is a large discrepancy in the way a Shockswitch reacts to impacts from the front and the rear of the lift. The problem is caused by the installation of the Shockswitch. This discrepancy can be neglected when the Shockswitch is properly placed. But there will be situations where proper installation of the box is not possible due to the construction of the lift truck. In these situations an external sensor will sometimes solve the problem. The Shockswitch box can be placed in a convenient location and the external sensor can be placed in the proper impact sensing location, usually very low on the lift truck.

All Shockswitch units include a 103dB internal audible alarm, a test button for a quick check of operational status, and a tamper proof barrel lock that enables and resets the unit. The sensitivity is adjusted simply by turning the internal sensor dial.

SHOCK SWITCH BASIC VERSION



SHOCK SWITCH WITH EXTERNAL SENSOR



SHOCK SWITCH

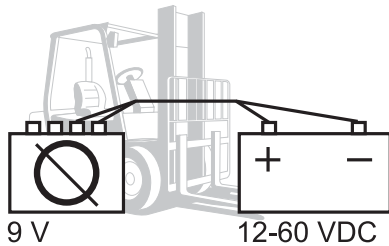
TYPE 1



Self-contained unit with 9V integrated battery.

A. With built-in sensor		B. With external sensor	
M-sensor	REF 112TA4924	M-sensor	REF 112TA4927
A-sensor	REF 112TA4925	A-sensor	REF 112TA4928
B-sensor	REF 112TA4926	B-sensor	REF 112TA4929

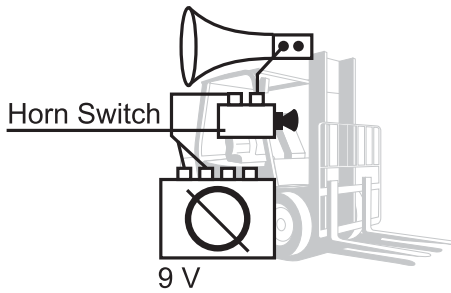
TYPE 2



Connects to external battery 12-60 VDC.

A. With built-in sensor		B. With external sensor	
M-sensor	REF 112TA4930	Not available	
A-sensor	REF 112TA4931		
B-sensor	REF 112TA4932		

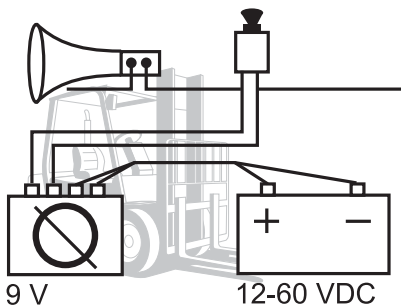
TYPE 3



Self-contained unit with 9V integrated battery.
Connects to external horn.

A. With built-in sensor		B. With external sensor	
M-sensor	REF 112TA4933	Not available	
A-sensor	REF 112TA4934		
B-sensor	REF 112TA4935		

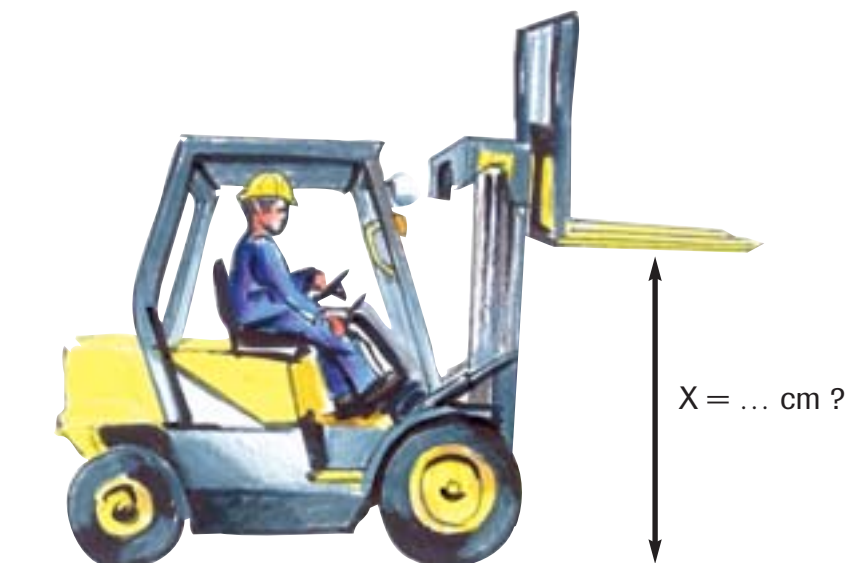
TYPE 4



Connects to external battery 12-60 VDC.
Connects to external horn.

A. With built-in sensor		B. With external sensor	
M-sensor	REF 112TA4936	M-sensor	REF 112TA4939
A-sensor	REF 112TA4937	A-sensor	REF 112TA4940
B-sensor	REF 112TA4938	B-sensor	REF 112TA4941

HEIGHT INDICATION SYSTEM



IF YOU WANT TO KNOW THE EXACT POSITION OF YOUR FORKS, THIS SYSTEM OFFERS THE PERFECT SOLUTION.

HEIGHT INDICATION SYSTEM

REF 123TA7581

- **Distance sensor (laser)**
 - voltage 10 - 30VDC
 - range 0,3 - 24m
 - analog output 4 - 20mA
 - transistor output 0,5A (for bigger loads use optional relay)
 - protection class IP67
- **LED display**
 - mini housing 48x24x65mm
 - analog inputs: 0 - 10VDC, 0 - 20mA, 4 - 20mA
 - adjustable scaling factor
 - voltage: 10 - 30VDC protection class IP65 on front
 - minimum/maximum memory
 - easy to set up by menu support
- **10 x 10 cm reflective tape**
- **installation bracket for sensor**
- **5m cable (connection sensor/display)**

OPTIONAL

Relay

12V REF 106TA2682
24V REF 107TA1622

Switch

REF 106TA1465



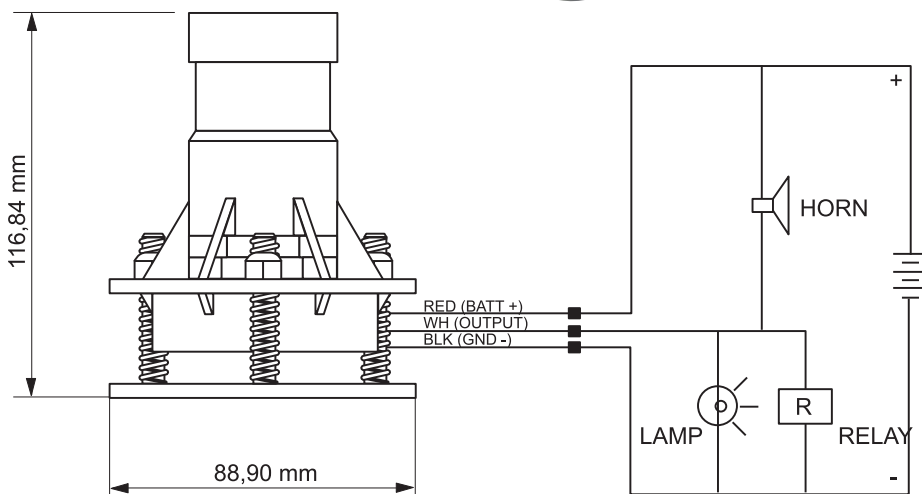
The distance sensor (to be placed at the lower end of the mast), emits a laser beam which is reflected by the tape that is mounted on the same level as the forks. Depending on the height of the forks, a signal is passed to the display which shows the actual height.

Apart from the minimum/maximum height, a fixed height can be set on the sensor. The transistor output can be used to set off an alarm or buzzer when the pre-specified height is reached. This fixed height can be determined permanently during the installation of the sensor, or an optional switch can be placed on the dashboard, so the driver can change it at any time.

LEVEL SENSOR



used for
TEREX



REF 112TA9585

SPECIFICATIONS :

- NC-contact
- Trip angle 4,5°
- Time delay 2,5 sec.
- Temperature range -35° to 85°C
- Voltage 7 - 48 VDC

LEVEL SENSOR

TYPE 1

REF 115TA2143	NC-CONTACT (FAILSAFE)
REF 115TA2144	NO-CONTACT

**SPECIFICATIONS :**

- Omni-directional level sensor
- Trip angle 3°
- Time delay 2 sec.
- Voltage 10 - 60 VDC

**TYPE 2**

REF 115TA2145	SPECIAL TYPE USED FOR JLG
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**OTHER TYPES
AVAILABLE ON
REQUEST**

FORWARD - REVERSE PROTECTION FOR FORKLIFTS

Electric forward and reverse switch for transmissions. Secures the transmission against abuse by ensuring that the driver has to switch to neutral prior to going from reverse to forward. (Or the other way around). You will increase the life span of the differential and the transmission remarkably. In addition, your tyres will last much longer.

- 12 Volt REF 107TA7655
- 24 Volt REF 107TA7656

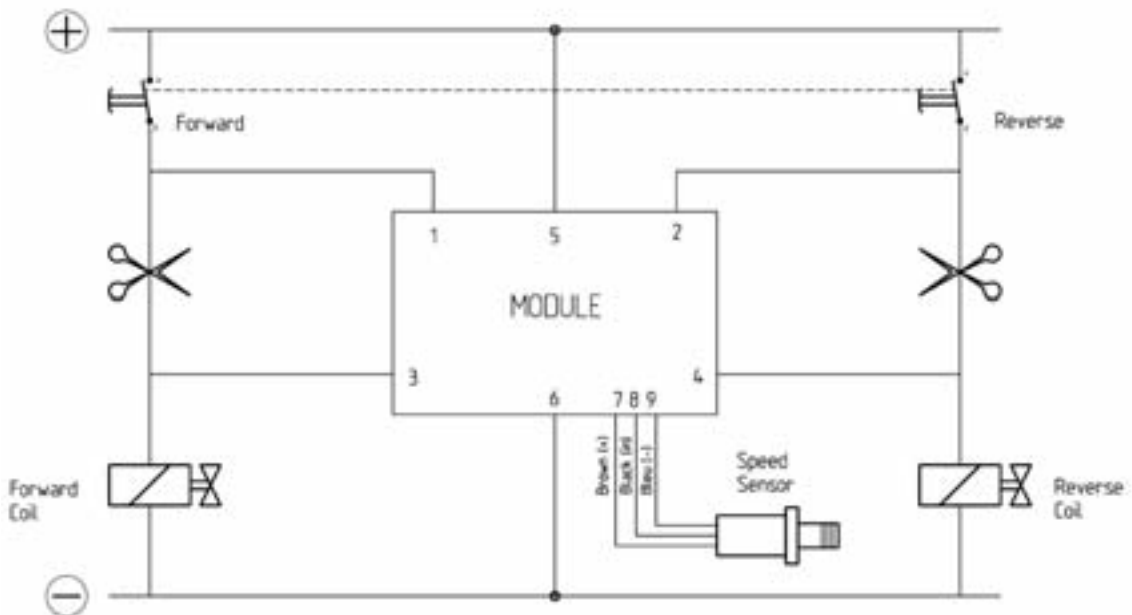


This protection makes it impossible to change direction when speed is too high.

Easy installation!



After ignition switch



FORWARD - REVERSE PROTECTION FOR FORKLIFTS

