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Device

for **drive**
and **control**
of **hookloader**
equipments



Digital electronic device for the control of hookloader equipments

Easiness and quickness of assembly

Rear lighted keyboard

Simple to be used

Limited obstructions in the driving cab

Description

AL35 is a system projected for the drive and control of hookloader equipments.

This device consists of a transmitter and a receiver. It exploits the digital technology and it makes possible to use only two conductors for the data transmission between the units. This feature allows to simplify the working processes and to reduce the assembling time.

It is also possible to establish sequences of use and personalized movements: the combination between the signals of the sensors and the managing software allows to manage the controls in a safe and fixed way in order to grant a good use of the hookloaders. Of course together with the two components it is possible to supply the wiring, complete of limit switches and personalized for the different types of equipments.

Drive and control transmitter

The transmitter is ergonomic and has reduced sizes. It is usually positioned in the driving cab of the vehicle and it is connected to the receiver by a receptacle connector and an extensible spiral cable. Of course, there is a turn to release emergency stop.

The keyboard consists of rear-lighted buttons on which are drawn the pictures of the corresponding controls. They lighten when the button ON is pressed so that they are very visible also in dark working conditions.

The standard keyboard offers the possibility to have up to 14 function buttons and 6 control lights that can be increased up to 14, one for button. Moreover, on the sides of the transmitter there are two buttons which can be used for two others controls or to double the functions of the buttons positioned on the control keyboard.

The managing electronic is projected in the observance of the laws in force and it is tested for automotive application.



Receiver

The receiver is the central unit of the system. It can be positioned directly on the hookloader and it is intentionally constructed for external application, while the internal electronic is suitably protected by a double box.

According to the hydraulic distributor that is utilized, the receiver can have outlets of electrohydraulic or electropneumatic type with electrovalves positioned on the same receiver.

On the receiver it is also possible to include an emergency stop, a buzzer and a switch for particular applications.

The connection with the wiring is granted by a single receptacle connector with a standard connection common to all the types of distributors. According to the customer requirements the receiver can be configured in different ways.



Wiring

The wiring can be included in the system supply and it is produced according to the specific demands of the customer.

It is projected considering the different assembling stages and it is delivered to the customer pre-wired, in order to make the installation on the vehicle easy and quick. All the connexions are receptacle and the employed materials are specific for the automotive field.

The utilized cable is anti-fat; anti-oil, anti-acid and conformed to the ADR agreement for the transport

