

KiwiSafe Kit

K001550

Interface with LED display



Function

The system, installed on vehicles such as agricultural machines, earth-moving machines, self-propelled industrial trucks or industrial vehicles with electric traction, internal combustion engines or hybrids compliant with the machinery directive 2006/42/CE is able to carry out following features:

- LED display for obstacle detection
- KiwiSafe LED playback on accessory display devices
- Maximum speed limitation (if provided by vehicle manufacturer)
- Sound warning emission

Directives

Directive 2014/30/EU

Electromagnetic Compatibility for:

Industrial trucks UNI EN 12895:2019

Earthmoving and construction machinery ISO 13766-1:2018 - Part 1

Agricultural and forestry machinery UNI EN ISO 14982:2009 and related standards / ETSI standards

Kit general information

Products		Accessories		Weight
Code	Description	Code	Description	
X001551	KiwiSafe	C002510	KiwiSafe wiring	660 g 23,3 oz
G006410	RAM Mount Prod: RAM Mounts Model: RAM-B-138U	C002190	Coil of 2 electric wires	
		C500301	Vehicle wiring	

Technical Data
Mechanical specifications

Dimensions	Diameter 95 mm x 38 mm
	Diameter 3,7 in x 1,5 in
	(including bracket preparation)

Material	ABS	Weight	170 g
			6 oz

Electrical specifications

	min	typ.	max		typ.	max
Power supply (Vdc)	5	12-24	36	Power consumption (W)	2	2.5

MTTF_d (years) = 22

Indicators/Operating principles

Free way detection	Green LED	Obstacle in warning zone	Yellow LED
Obstacle in danger zone	Red LED	Driver wearing Anticollision TAG or signal	Blue LED

Environmental condition

(Test execution in accordance with CEI EN 60068-2-14, CEI EN 60068-2-78 e CEI EN 60062-2-1)

Ambient temperature	from -40 to +60 °C from -40 to +140 °F	Ambient humidity	85% RH
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Interfaces

USB-C

CAN

Input/Output

2 x Positive Inputs, analogic or digital. (Analog. range: 0 - 10 V, Digital: 100 V tolerant, Activation threshold > 2 V)
 2 x Negative Inputs (Activation threshold < 0.5 V, Max 150 V)
 2 x Photorelay Output (Max 60V, 400 mA)