

# APEX HES-W3/01

## Wireless anti-two block (A2B) switch

### Applications

- Mobile cranes
- Lifting applications

### Special Features

- FCC approval
- Robust, proven and maintenance-free design
- Sealed switching element and electronics
- Licence-free operation
- Fast switch activation response time
- Status LED indicator
- Battery monitoring
- IP66 Protection class
- Long transmission range
- Long battery life
- Easy pairing / installation



APEX HES-W3/01

### Description

The APEX HES-W3/01 is an anti-two block (A2B) switch for wireless connection to the APEX TRS 30-W3 gateway and APEX SAI 33-W3 standalone indicator. The purpose of this device is to detect when a hoist limit has been reached.

The A2B switch has been designed to operate in conjunction with the WIKA Mobile Control weight and chain.

The longevity of the battery life is achieved through special power saving techniques.

# APEX

The APEX family of wireless equipment is designed for use in mobile machinery. The applications range from anti-two block (A2B) switches, to windspeed measurement, as well as angle and force measurement.

## Technical Specifications

APEX HES-W3/01	
Part number	83902752
Power supply	3.6V Lithium ion battery
Battery life	1,3 year <sup>1</sup>
Frequency range	902 – 928 MHz modulation: OQPSK DSSS license-free
Antenna	915 MHz RP-SMA
Antenna connection	RP-SMA
Range	1400m (4539ft) <sup>2</sup>
FCC conformity	N4TWMC915R1
ISEC ID	3196A-WMC915R1
Actuator	HES 0022, 2p, mit AMP-Stecker, RATB
Dimension	151,6mm x 76,6mm x 121,2mm
Weight	1,6 Kg (3,5 lbs)
Operating temperature range	-40°C..+70°C
Storage temperature range	-40°C..+85°C
Protection class	IP66

<sup>1</sup> using the 19Ah battery with a duty cycle of 33% and at 20°C

<sup>2</sup> Open field, direct line of sight

## Dimensions

