

RAILALERT-Wheel Sensor

Article-No.: 204-110

Secure function

due to the fail-safe principle

Quick installation

with the help of the magnetic holder
and the assembly jig

Applicable worldwide

on all types of rails
for wheel detection



Technical Data

Dimension (LxWxH): 400mm x 155mm x 70mm
Weight: 5.4kg

Operating voltage: 8VDC - 33VDC
Current consumption: 10mA
Cable length: 4.8m
Cable number of pins: 4pin
Connector type: CA 3 LS

Color: blue
Protection: IP65
Assembly: Magnetic
Adhesive force: 2 x 569N
Displacement force: 2 x 114N

Regulations: EMC: EN 50121-4
Safety integrity level: SIL0

Temperatur range: (-40°C) - 85°C
Humidity: 0% - 100%

Videos:





Characteristics

- Fail-safe due to quiescent current
- Possible speeds 0km/h - 450km/h
- Possible wheel diameters 300mm - 2100mm
- Assembly with the magnet allows quick installation and removal, especially suitable for temporary and mobile workplaces.
- Evaluation with handy RAILALERT base station

Accessories



RAILALERT-Set

Article-No.: 204-001



RAILALERT-Assembly jig for Wheel Sensor

Article-No.: 204-120



RAILALERT-Base Station

Article-No.: 204-100



RAILALERT-Wheel Flange Simulator

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