



BANCE



IN-TRACK WHEEL PROFILE MEASUREMENT SYSTEM

ITM11



- In-track installed measuring instrument for wheel profiles and diameter measurement
- Easy integration with only slight modifications to the existing rail
- Recording and qualitative evaluation of the complete wheel profile whilst driving over
- Drive over speed 3 -10km/h (up to 20 km/h)
- Vehicle detection by transponder
- Immediate determination and display of wear characteristic dimensions
- Wear analysis and wear history
- Maintenance forecast
- Can be used for railways and tramways including low-platform vehicles
- Wheel Flange Height, Thickness and qR dimension
- Wheel Width
- Back to Back distance
- Track and Guide dimension calculation
- Limit comparison
- Nominal and actual profile comparison
- Profile co-ordinates of every wheel
- Measurement of wheel diameter
- Monitoring of the diameter differences of the wheels on the whole vehicle, the drives and bogies
- Interfaces for data transfer with central EDP systems, e.g. SAP

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