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## Discover more LEONI solutions:



**advintec TCP – calculation  
and calibration** of robotic  
tools and fixtures in  
up to 6 dimensions.



Cost reduction with LEONI  
solutions for **unracking,  
gripper measurement and  
part location.**

### Factory Automation

[www.leoni-factory-automation.com](http://www.leoni-factory-automation.com)

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# Wheel & tire validation system



The Quality Connection

# Wheel & tire validation system by LEONI

## Wheel identification features

- Style
- Diameter
- Color
- Center cap

## System overall validation results

- Balance ID mark alignment
- Wheel/tire/TPMS/logo/feature orientation
- Center cap (color/style/orientation)
- Gloss finish identification  
(high/medium/low-gloss finish)

## Tire identification features

- Tread pattern  
(2D identification and 3D analysis)
- Tire dimensions: tread width, sidewall height, overall height, inner diameter, etc.
- D.O.T. code – record and/or validate
- Sidewall text validation



## Production-ready standard product

based on years of tire and wheel inspection installations at multiple customer sites across North America.



## Key features

- Standard, cost-effective product
- Stores 100+ wheel and tire models and combinations
- Easy to use
- Compatible with all industry-standard equipment and industrial IP network protocols (e.g. EtherNet/IP, DeviceNet, PROFINET, etc.)
- Integrated product reduces maintenance, operational costs
- Comes with comprehensive operations, training, and changeover manual
- Training provided on-site or at LEONI's certified school of learning facility
- Additional features available at customer request

## Customer benefits

- Prevents mismatched wheels and tires
- Simplifies changeover, new model training
- 3D analysis guarantees correct tire/wheel combination
- Industry's highest performance reliability, accuracy rates, and uptime
- Product testimonials, references available on request

