



Environment

Frauscher Diagnostic System FDS

The Frauscher Diagnostic System FDS visualizes the FAdC controlled track sections and facilitates the maintenance and the servicing of the installed components. It provides a high level of transparency by guaranteeing quick access to relevant additional information and by storing all the collected data for the efficient tracking of incidents.



Information

Clear/occupied status
 Condition data of Axle Counter
 and Wheel Sensor



Applications

Diagnostic
 Logging
 Track layout



Benefits

Reduces maintenance costs
 Preventive maintenance
 Quick and efficient fault elimination
 Extensive diagnosis and statistical data
 Easy data management and archiving

FDS101

Through the application of Frauscher Diagnostic System FDS, various information can be collected in one system. The web client provides the possibility to use FDS completely platform independent. The visualization of the track layout and the logging site facilitates the continuous analysis of individual components. Occupied sections and faults are highlighted in colour on the track layout.

Technical Data

FDS101	
Interfaces	Redundant Ethernet RJ45, TCP/IP, 2x USB 2.0, 1x CAN, 1x RS232
Safety level	No SIL necessary
Temperature	-40 °C to +70 °C
Conditions	Protection class: IP4 Assembly: on top hat rail Ethernet connection necessary
Dimensions	Height: 32 mm Width: 170 mm Depth: 128 mm
Power supply	Voltage: +19 V DC to +72 V DC Power: ~10 W at 24 V
Prozessor	800 MHz
Memory	4 GB CF, 1 GB DDR2 SDRAM
MTBF*	~250,000 h at 25 °C (~28.5 years)

*Mean Time Between Failures