



MiniProf ^{BT}

Switch & Crossings

The MiniProf Switch & Crossing system is a full contact measuring system that provides fast and highly accurate cross-sectional profiles of switches and crossings. The instrument extends to the opposite rail through a fixed rod, offering stability, gauge, and track-relative measurements. Precise information on the physical placement of the multiple rails is provided instantly and is stored by the accompanying Envision software for onsite and post-measurement analysis.

TECHNICAL DATA

Technology:

Full contact technology. A magnetic knife-shaped probe wheel ensures direct contact to the true profile during the complete measuring process.

Product ID:

MP-270

Profile accuracy:

Better than: $\pm 11,0 \mu\text{m}$

Repeatability: $\pm 2,5 \mu\text{m}$

Gauge: $\leq 200 \mu\text{m}$

Measuring speed:

< 5 seconds per profile

Horizontal movement range:

300 mm (100 mm towards gauge side, 200 mm towards field side)

Displacement: $\leq 100 \mu\text{m}$

Operating temperature:

-15°C to +50°C

Weight/dimensions:

S&C unit: 7,0 kg (1769 x 184 x 171 mm)

Transport case: 10,0 kg (740 x 300 x 270 mm)

Scope of delivery:

- MiniProf S&C unit
- Full Envision software package, 5 installations, free software updates. Measuring and analysis supported.
- MiniProf cable & charger
- Rugged and waterproof transport case with room for MP and accessories
- Quick guide, tutorial videos and free hotline support
- 2 years standard factory warranty with option to prolong to 10 years in total

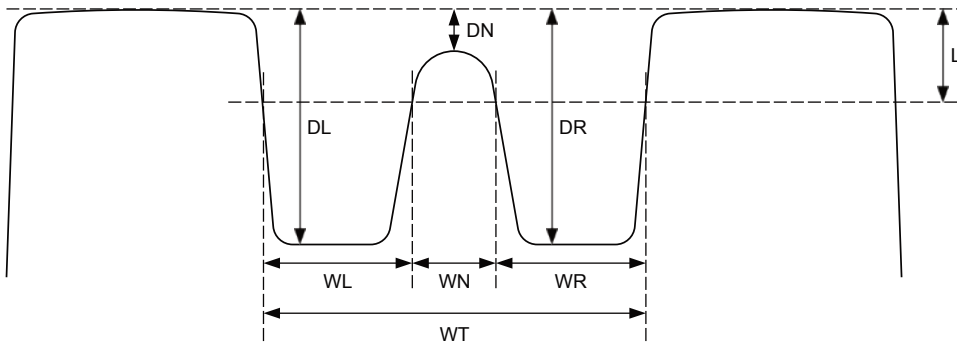


MiniProf - Much more than a measurement!

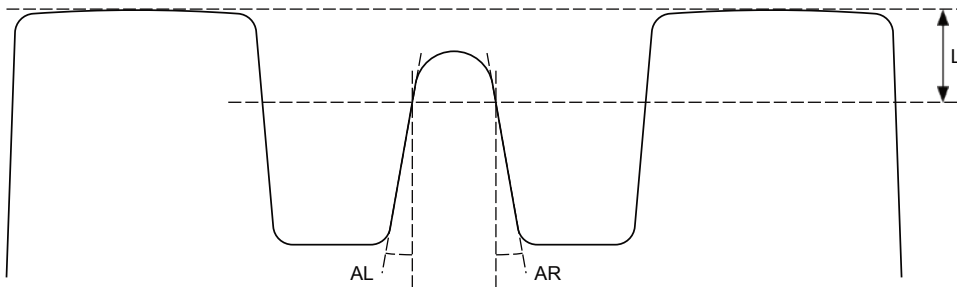
A world of data handling opportunities available in the full MiniProf Envision software package



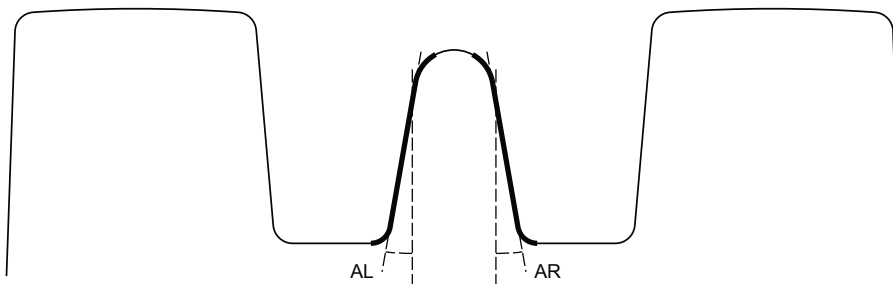
Switch frog clearance



Switch nose angles



Switch nose angles maximum



GREENWOOD ENGINEERING

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