

CALIPRI®
WHEEL

SWITCH



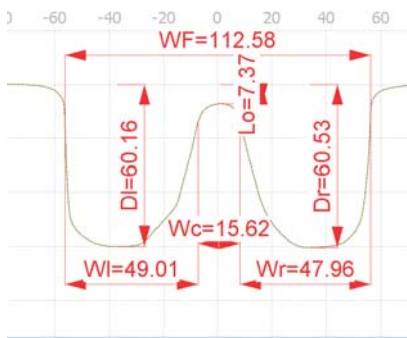
SWITCH

With the “Switch” module, it is possible to measure the cross sections of switch frogs and switch blades within a couple of seconds.

Typical measurements like groove width, groove depth, frog width or the lowering of the frog center are determined.

While measuring, the user simply moves the sensor around the switch profile by hand.

The sensor does not have to be in contact or precisely aligned.



TECHNICAL DATA

Measurement parameters:

- Switch frog:
 - Groove widths – WF, Wl, Wr
 - Groove depths – D, Dl, Dr
 - Width frog center – Wc
 - Lowering – Lo
- Switch blade:
 - Width Blade – WB
 - Blade height difference – Dh
 - Flange gradient – A
- Other dimensions on request

System requirements:

CW40 – Calipri-Wheel

Accuracy: < +/- 80 µm

Repeatability: < +/- 35 µm

Measurement duration:

approx. 5 sec.

Measurement ranges:

For all common switch profiles

Scope of delivery:

- Software module – pre-installed at delivery on CW40 – Calipri Wheel

Order:

CWM009 – Switch

nextSENSE

NextSense Mess- & Prüfsysteme GmbH
 Reininghausstraße 13a, 8020 Graz, Austria
 Tel. +43.316.232 400-0, Fax +43.316.232 400-599
 Mail office@nextsense.at, www.nextsense.at