



The ABT4670 S&C Confirmation Gauge has been developed specifically, for the undertaking of dimensional checks within the moveable part of a switch unit. Constructed from hard-wearing GRP and Nylon, the S&C Confirmation Gauge is electrically non-conductive, making it suitable for use in areas of 3rd and 4th rail electrification and will not interfere with the track signaling circuit.



The gauge measures the following parameters:

- Free-Wheel Clearance (FWC)

This is the dimension between the running edge of the stock rail and the rear face of the adjacent switch rail.

- Free-Wheel Passage (FWP)

This is the dimension between the rear face of an open switch and the running edge of the closed switch.

The ABT4670 is also fitted with P8 wheel profiles on its upper face to aid the visual inspection of switch rail wear when the gauge is turned upside down.

Technical Specification

Weight	- 2.8kg	Size	- 1500mm x 300mm x 200mm (gauge only)
Free-Wheel Passage	- Range: 1360mm > 1400mm Accuracy: ±0.5 Resolution: 1mm	Switch Opening	- Range: 35mm > 125mm Accuracy: ±0.5mm Resolution: 1mm
Free-Wheel Clearance	- Range: 35mm > 125mm Accuracy: ±0.5mm Resolution: 1mm	P8 Wheel Profiles	- Back to Back Dimension: 1360mm