



SWITCH & CROSSING MAINTENANCE

ABT4670 Switch & Crossing Confirmation Gauge Type 5

PADS No: 039/127150



Description

The ABT4670 S&C Confirmation Gauge has been developed specifically for the undertaking of dimensional checks within the moveable part of a switch unit.

Features

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 signalling 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 Data

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