



0
1:45

H0
1:87

TT
1:120

N
1:160

Z
1:220



MP1

MODEL RAILWAY MOTOR SWITCH

Motor switch with slow and smooth movement

Miniature size 28×40 mm (width and length)

Powered by planet gear motor

Easy replacement for old style 3-wire
magnetic switch



position 1



position 2

Model railway motor switch MP1



The motor switch is used for electric actuation of the two-position mechanisms in models, such as turnout points or mechanical signals and barriers.

The stroke can be set in three steps 3 mm, 6 mm and 9 mm – see the illustration. The cam mechanism provide slow end position stop and lock.

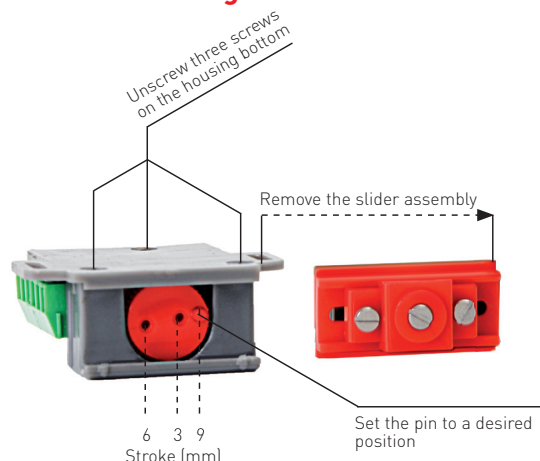
Both DC and AC power supplies are available, with consumption aprox 150 mA during motion. The mechanism has a position end limit switch, i. e. the control voltage can be applied permanently, to be disconnected automatically once a respective position is reached and the motion stops.

Electrical connection is the same as old-style electromagnetic switch and MP1 can directly replace them without changes in wiring of model layout scheme. Compatible with standard accessory DCC decoders, like LENZ LS100, LS150 etc.

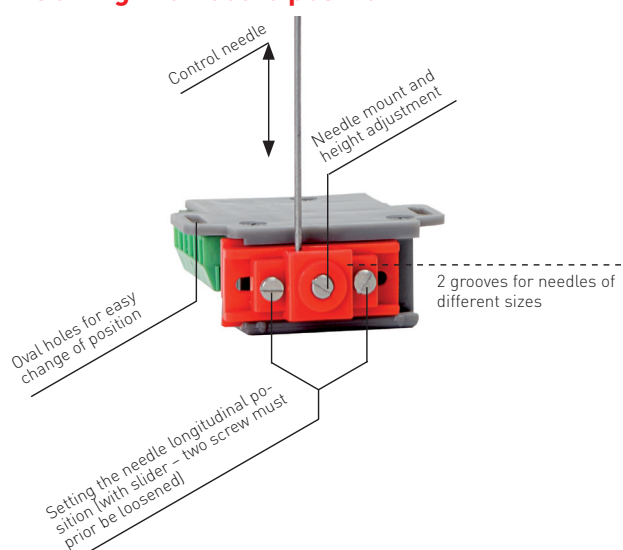
To meet auxiliary purposes, there is a 1 A switch SPDT contact with resetable thermal protection fuse set to 0.5 A (short-circuit protection on the point frog).

* Easy assembly, see title photo.

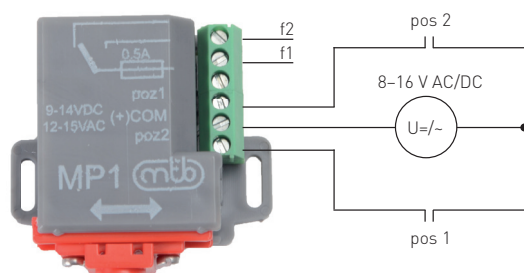
How to change the stroke



Setting the needle position

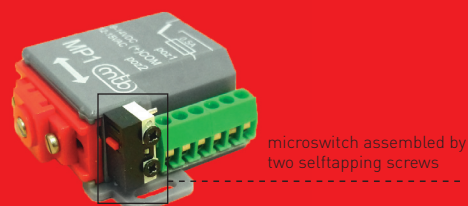


Wiring diagram



Connect to the COM+ terminal with DC power supply. The F1 contact will close once the movement ends up at the Position 1 (or the Position 2 in case of the F2 contact respectively).

Motor switch can be easily upgraded by second SPDT contacts.



Return the product to a electro-wastes collecting point at the end of its life!

0508131115

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