



0  
1:45

H0  
1:87

TT  
1:120

N  
1:160

Z  
1:220



# MP5

## ADVANCED MODEL RAILWAY SWITCH

Compact Switch Motor with slow, smooth, linear movement

Miniature size: 46x42 mm (width x length)  
54mm x 42mm over modular wire connector

Powered by planetary gear train and can motor  
(not stall motor)

Versatile control in place of either solenoid-style or  
motor-actuated switch machine

Four settings for point throw: 3, 6, 9, or 12mm

Two sets of integrated auxiliary  
switch contacts



position 1

position 2

# Model railway motor switch MP5



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 four steps 3 mm, 6 mm, 9 mm and 12 mm – see the illustration. The cam mechanism provide slow end position stop and lock.

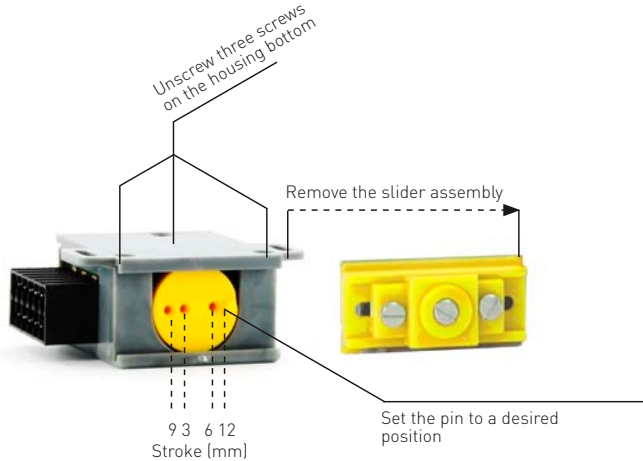
Both DC and AC power supplies are available, with consumption aprox 150 mA during motion. The mechanism has a position end limit switch, i. e. the control voltage can be applied permanently, to be disconnected automatically once a respective position is reached and the motion stops.

The MP5 can be installed using either 3-wire or 2 wire control. The 3-wire control mode is the same as many older style solenoid switch machines, but the MP5 can use either an AC or DC power supply. In 2-wire mode, movement direction can be controlled by simply reversing polarity of the DC supply.

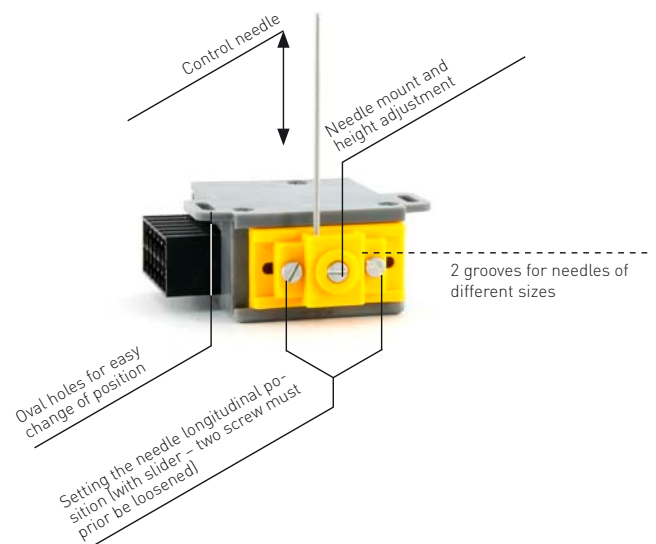
For auxiliary control purposes, two independent SPDT contact sets are integrated. These contacts can be used for position feedback, signaling, or frog power routing.

\* Easy assembly, see title photo.

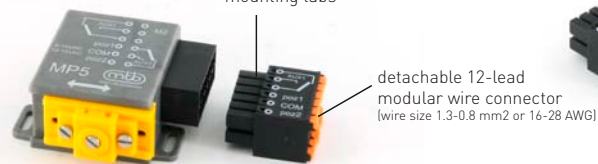
## How to change the stroke



## Setting the needle position



Easy installation with integral mounting tabs

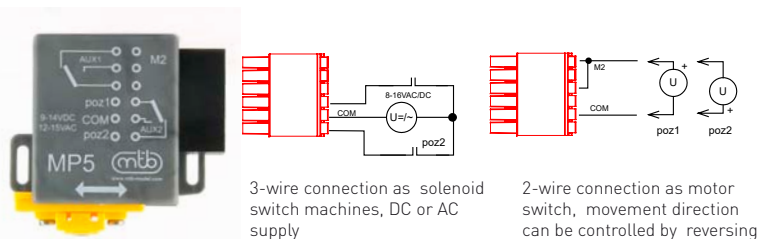


step 1 - push lock by tool

step 2 - insert wire

step 3 - release lock

## Schema zapojení



Each MP5 includes both a straight actuator pin (50mm) and an accessory actuator arm for connection to remote linkage installations



MTB model  
Prague  
Made in Czech Republic



Po ukončení životnosti výrobek odevzdejte do sběren elektroodpadu!

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