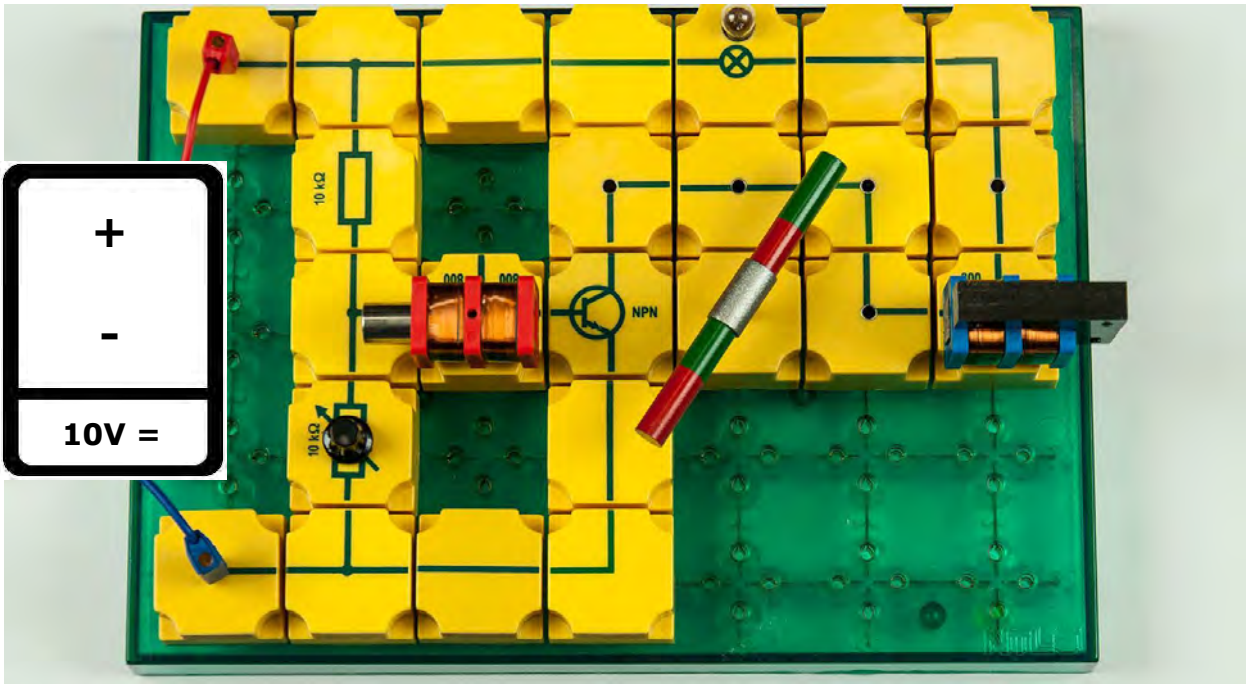
DIRECT CURRENT MOTOR WITHOUT COMMUTATOR

EOS 8.7

Required kits:
P9901-4M Electronics (or P9901-4D Electricity 1 & P9901-4F Electronics supplement)
and parts of P9902-5P Electromagnetism & P9902-5M Magnetism



Material:

Item Code	Qty.	Description
P3310-1S	1	Connecting leads SE, set of 6
P3320-1I	1	Light bulb, 10 V/50 mA, E10
P3410-1K	2	Bar Magnet, AlNiCo, D=10 mm, L=50 mm
P3410-2M	1	Bearing bush for cylindrical magnets
P3910-1A	1	Plug-in panel, small
P3910-1B	2	PIB connector
P3910-1C	6	PIB wire, straight
P3910-1D	2	PIB wire, straight, with socket
P3910-1E	3	PIB wire, T-shaped
P3910-1G	2	PIB wire, angled
P3910-1H	3	PIB wire, angled, with socket
P3910-2A	1	PIB lamp socket E 10
P3910-3R	1	PIB resistor 10 kOhm
P3910-5A	1	PIB rheostat 10 kOhm
P3910-8A	1	PIB transistor NPN, base left
P3911-1J	1	Iron core laminated, U- and I-core with clamp strap
P3911-1K	1	Iron core solid, L=50 mm
P3911-1P	1	Bearing pin, SE
P3911-2J	1	PIB for coil 800 turns
P3911-2K	1	PIB for coil 2 x 800 turns
P3911-2R	1	Coil 800 turns SE, blue
P3911-2S	1	Coil 2 x 800 turns SE, red
P3911-3F	1	Plug pin with needle

Additionally required:

	1	Suitable power supply

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