Motor bit datasheet

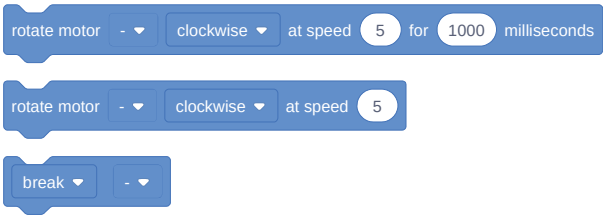
The motor bit is an output bit that rotates an output shaft continuously. For precise angular movements refer to the servo bit.

The motor bit can rotate the output shaft within a range of speeds (1 to 10) in either a clockwise or anticlockwise direction.

The servo bit has a 'horn' attachment that allows the output shaft to be attached to cardboard. Use stencil guide (B) for the horn attachment.

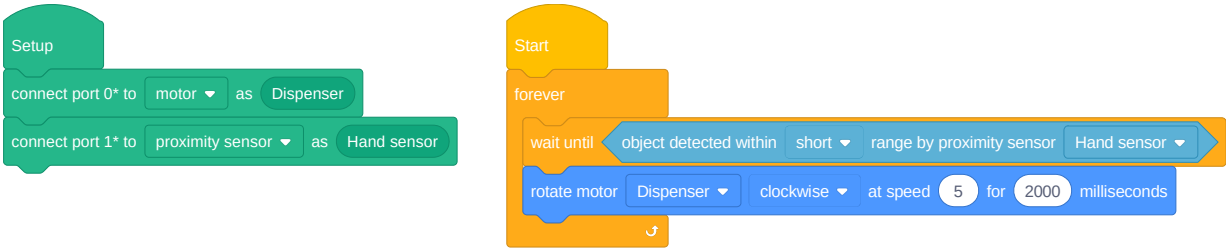
Use in ports	Stencil guide	Bit type	Block category
0 - 7	⑧	Output	Motion

Programming blocks



Example program

This example program will wait until an object is detected by the proximity detector, then rotate the motor clockwise at speed 5 for 2000 milliseconds (2 seconds).



In the real world

Motors are used in real world inventions to make something move. A common use is for powering a drive wheel, however there are many other interesting uses. One such use is for dispensing paper towels automatically, or without making hand contact. This is what the example program above does.