

HOOK-UP SHEET FOR DCM-97
12 VDC WORM GEAR ACTUATOR/MOTOR

Although it was probably designed to be used as an actuator, to push or pull a doorlock or similar device, this actuator can also be used for continuous back and forth motion.

To simplify the discussion we will assume that we are looking at the black, red, yellow and blue wires by themselves, without the brown outer sleeves or connectors.

FOR ONE-SHOT PUSH/PULL ACTION:

Connect black wire to Negative 12 Vdc.
Connect red wire to Positive 12 Vdc.
Tie blue and yellow wires together.

When red wire is connected to blue and yellow wires actuator will extend. When red wire is disconnected, actuator will retract.

FOR CONTINUOUS ROTATION:

Reverse polarity. Connect black wire to Positive 12 Vdc.
Connect red wire to Negative 12 Vdc.