

Automotive stepping motor (EM series)

Equipped with FEED SCREW mechanism on the output shaft, converting rotary motion to linear motion

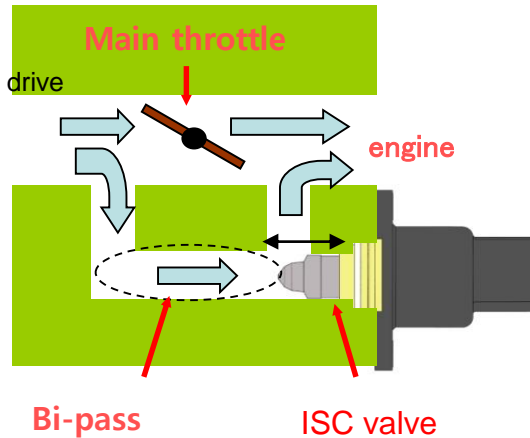
Features

- Low cost (not attached to standard product, no mold cost, etc.)
- Small / lightweight
- Soldering or abolition of environmental load substances
- Resistance against vibration (30G), heat resistance (100 °C)
- Moisture resistance, gasoline resistance, chemical resistance
- High resolution (0.04mm / step), high response
- High air tightness (30ml / min -61kPa)
- All waterproof connector

Usage example

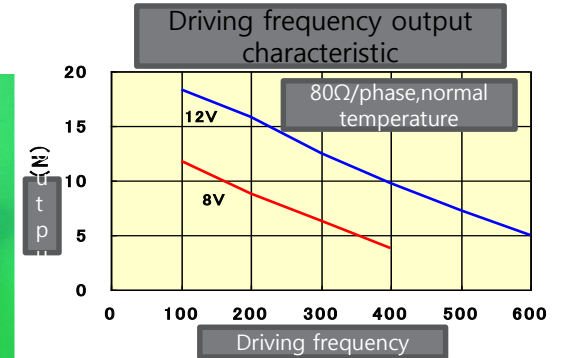
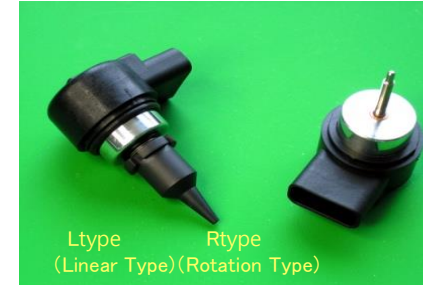
- ISC valve for engine idle control
ISC = Idle Speed Control
- Air flow control by linear drive, valve drive

The actuator that controls the air flow rate during idling realizes low fuel consumption and clean exhaust gas.



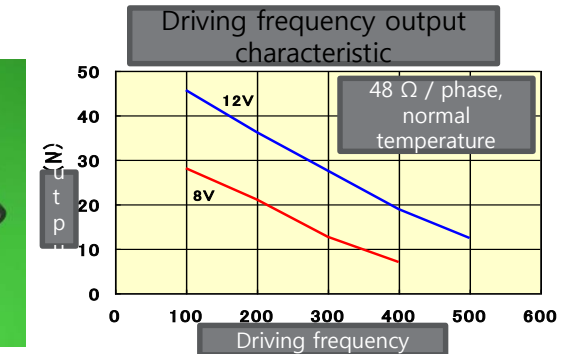
Characteristic

EM20



- Output characteristics are DC12V continuous energization specification
- Can be used by constant current control (200 ~ 300mA)
(As the current value increases, the output increases. At the same time, the amount of heat generated increases, so it is necessary to examine the cooling method and control method.)

EM28



- Output characteristics are DC12V, continuous energization
- specification: Specified for linear drive, flow control, valve drive is possible