

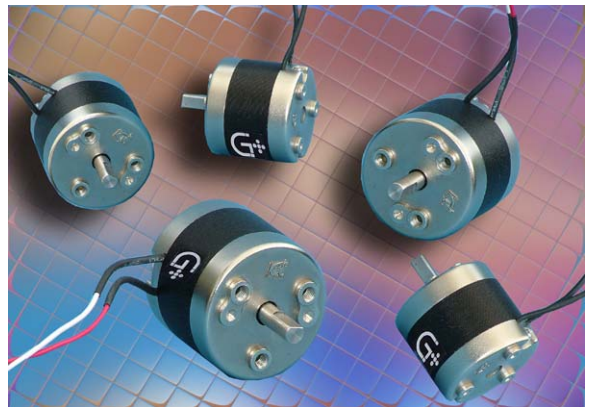


PRESS RELEASE

PERMANENT MAGNET GIVES NEW SOLENOID FROM GEEPLUS FASTER OPERATION

The use of a permanent magnet instead of a spring has resulted in a new bistable rotary solenoid from Geeplus, which the company claims has a significant increase in speed of operation.

Because the more common rotary solenoid devices use a spring to provide force for return operations, the available torque for forward operation is reduced in overcoming the strength of the spring itself. The use of an electrically driven permanent magnet rotor in the new device, provides fully energised torque which is available for the fastest rotation in either direction.



The bistable construction also allows the device to hold its end position at either limit of rotation with no power applied. This results in reduced heat dissipation which in turn permits higher power to be applied during the movement phase to enhance the speed of