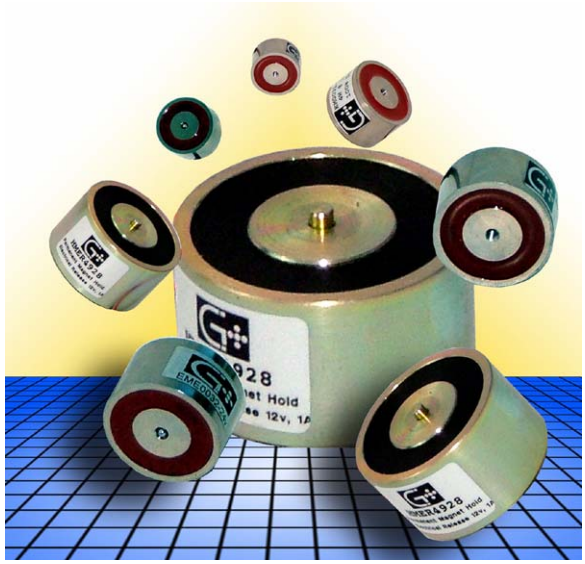
PRESS RELEASE

NEW ELECTRO MAGNETS WITH EJECTOR PINS FROM GEEPLUS OVERCOME THE PROBLEMS OF RESIDUAL MAGNETISM

A new range of electro-magnets from Geeplus have been designed with ejector pins to enable them to overcome the problems of residual magnetism occurring when power to the device is switched off.



Residual magnetism is common in electro-magnetic devices due to unavoidable very small air gaps which occur within the unit. Saturation tends to occur in the pole regions causing some residual field to remain when power is removed.

The ejector pin on the Geeplus magnets exerts a force to separate the armature from the device and overcome the residual field when power is removed. Although the use of the ejector pin slightly reduces the holding force of the magnet, benefits are gained from using a device which suits applications where full release and separation of the armature from the device is critical. These would include latching applications for doors or other access requirements and work holding or fixing in metal processing.