



## Highly Integrated Modules for Electronic Brake Systems

Tyco Electronics is a leading supplier of electronic components that integrate printed circuit boards (PCB), magnetic coils and connectors into brake systems.

The main core competences are:

- Integrated magnetic coils with precision layer winding and solid connection technologies
- Watertight Connector interface with overmolded signal and power contacts
- “Multispring” press-fit technology to contact magnetic coils, pump motor connector and connector contacts direct to the PCB
- High power electrical lead between connector and pump motor connector with integrated leadframe
- IP68 sealing in the housing, to seal between the electronic PCB & coils and the external environment on the hydraulic and cover sides by means of dispensed sealing and laser welding
- Pressure relief membrane between housing and outer environment