

## Electro-Magnetic Actuation



### Benefits

Replacement of hydraulic or electro-mechanical actuation for gear engagement or disconnect.

Fast Response

Controllability

### Suitability

The EMA device is suitable for devices with low force requirements

Low force gear selections

Connect/Disconnect devices

Controlled 'comfort' selections (c. 250ms)

Rapid change of state (<15ms)

### Smart Actuator

EMA can also be offered by as a smart actuator with electronics designed to suit package of target transmission.

Currently developed to A-Sample, used as disconnect device in high performance electric axle

No external controller required

Fork command received by CAN



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