

Electromechanical with rotary output and magnetic clutch- for safety critical (un)manned systems

For optionally piloted vehicles (OPV) Pegasus offers a variety of actuators with additional (PA-RA-3 and PA-RA-4 type) electromagnetic clutch assemblies attached.

These are available for all models starting with the PA-R-250-8 standard actuators and PA-RR-260-8 redundant actuators.

The actuator output shaft can move freely with the electromagnetic clutch disengaged allowing the pilot to control the vehicle.

In the event of a system failure, the clutch can be disengaged and the pilot has full control.

The clutch output is directly coupled to the internal deflection angle sensor of the actuator, meaning that the OPV servos will not lose position if the clutch is disengaged.

The clutch can also engage or disengage in any position.