

RVDT Cluster

Geared Type
Rotary Variable Differential Transformer

Description

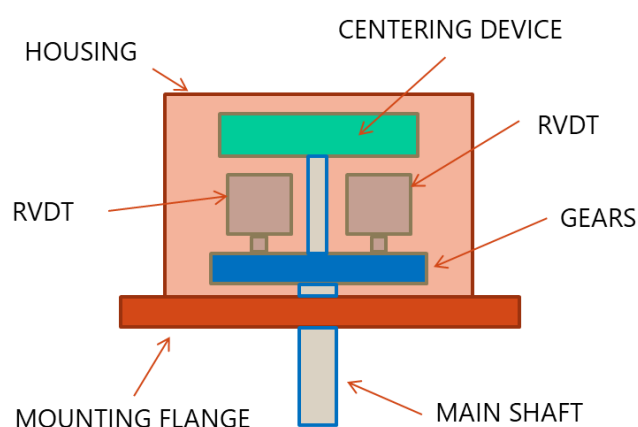
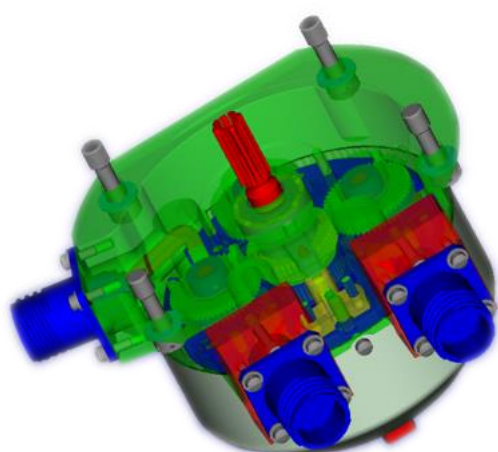
TAMAGAWA RVDT Cluster with integrated gears is an angular position sensor unit, equipped with maximum 5 RVDTs in the shell to realize redundancy. As a key component, these products are equipped into the Cockpit/Flight control systems such as Control Wheel and Side Stick to monitor aircraft pitch, yaw and roll motion control.



Features

- Multiple channels types available (3ch, 4ch and 5ch)
- Size 08 RVDT is mounted inside
- Shield cable type & Connector mount type
- Spline input shaft & Flex spline input shaft versions available
- Mechanical fuse on input shaft available
- Geared configurations available
- Centering devices available
- High Reliability & High Accuracy
- Repeatable performance
- Smooth movement
- Custom electrical & mechanical designs available

Typical Configuration



Applications



RVDT Cluster is used for exchanging mechanical motion of Control Wheel and Side Stick to electric signals.

- Pilot control system
- Cockpit control lever
- Nose wheel steering system

Models



5 channel Cluster



4 channel Cluster



3 channel Cluster

