

TYPE 3/5 SOLAR ARRAY DRIVE ASSEMBLY (SADA)



The single axis Type 3/5 Solar Array Drive Assembly (SADA) is based on the Type 3 Rotary Incremental Actuator with a Type 5 sized Harmonic Drive gear transmission and output duplex pair. This standard SADA has varied over many applications to meet mission requirements. Generally, the items that tend to vary are interface parameters and power transfer requirements. All of the represented

Type 3/5 SADA designs are configured with Harmonic Drive gear sets, potentiometers for position sensing and a slip ring assembly for power transfer.



