



Engineer note

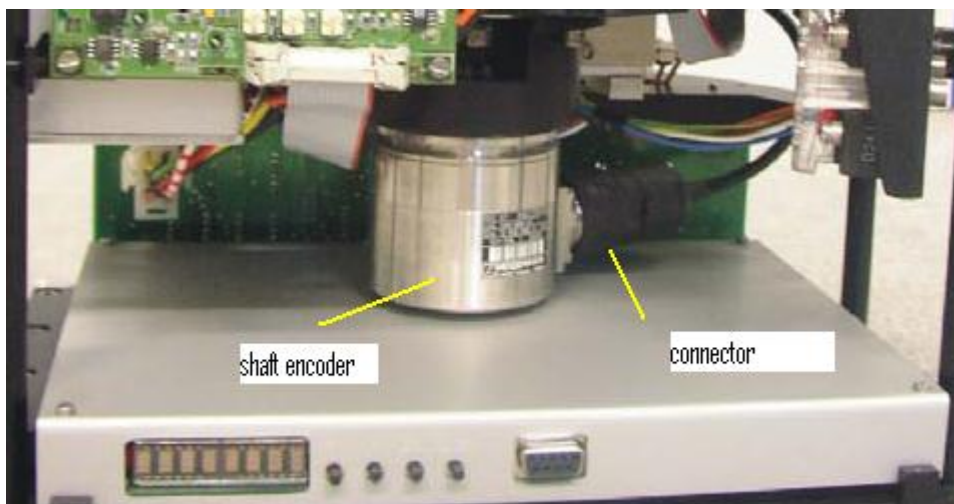
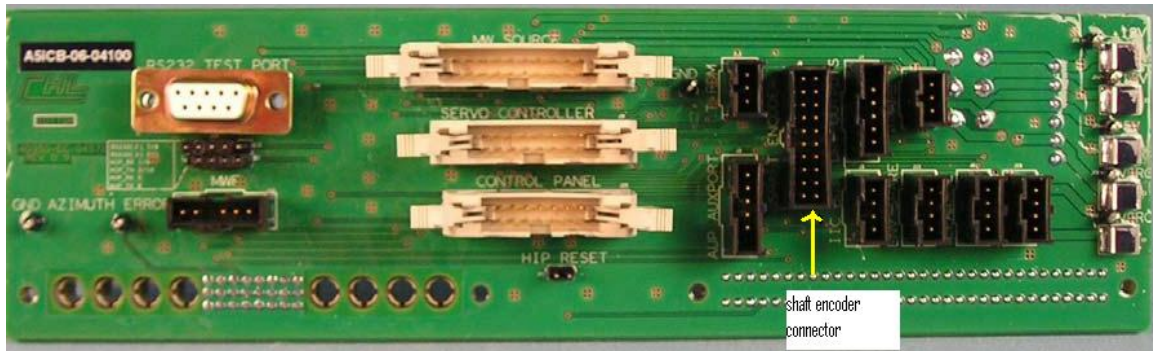
Shaft encoder checks

Introduction

This document describes some checks when the shaft encoder fails. When the shaft encoder fails there is no good bearing or azimuth measurement.

Description

-Check of shaft encoder connectors



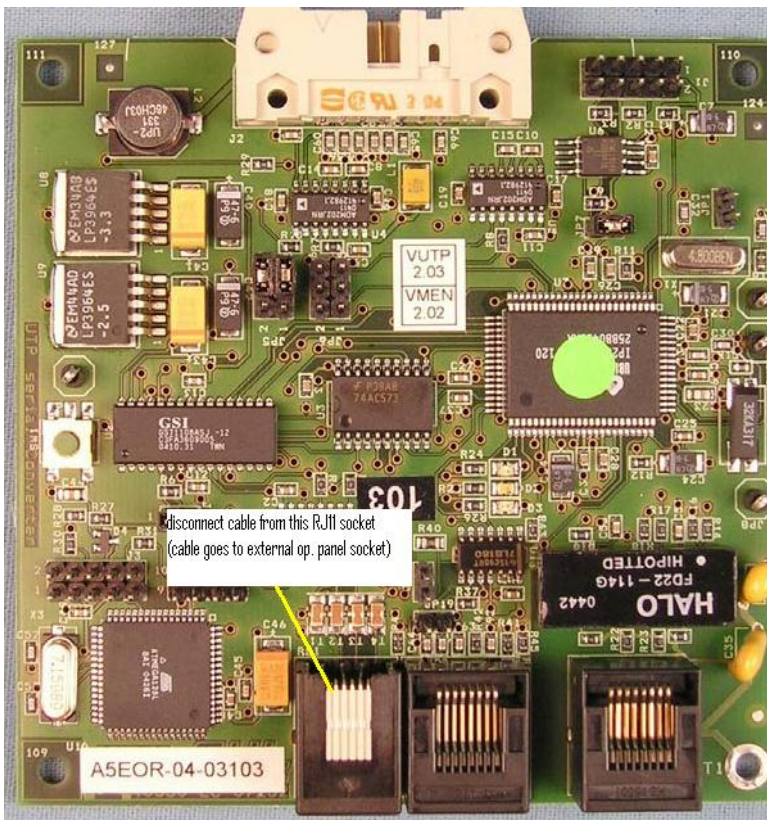
-Voltage issue external operate panel socket

It has been seen that due to water ingress inside the external operate panel socket the shaft encoder failed.

Check if the external operate socket is closed by a cap and the connector it selves is clean and dry.



Also disconnect the RJ11 cable from the A5EOR card to see if the shaft encoder works again. (The A5EOR is installed in the bottom cover)



-Check of two lock screws

The shaft of the shaft encoder is connected to shaft of gearbox by means of two hex locking screws.

Check if they are fasten.