

ABSTRACT**POSITION ENCODER**

A sensor failure detection circuit for a position encoder, the sensor failure detection circuit receiving from a first set of at least one position sensor position signals which change state at a high resolution and from a second set of at least one position sensor position signals which change state at a lower resolution, the detection circuit monitoring a count for the position signals at the high resolution between states of the position signals at the lower resolution and comparing the count with a predetermined range which represents an expected count for the position signals at the high resolution between the states of the position signals at the lower resolution.

This Sheet Has Been Replaced

