

Description of Option:

This option gives the iPLC-4 Controller Transducer fault detection. The Motion Detector output has been redefined and functions as a transducer fault output as well as a motion detector output.

The resolvers used with this controller must have a transformation ratio of $0.95 \pm 5\%$ at a reference frequency of 2.5 kHz. Using a resolver with a lower transformation ratio may cause nuisance transducer faults.

Operator Interface Changes and Additions

If a transducer fault occurs on a channel, the Position/Tachometer display will alternate between "TRANSDUCER" and "* FAULT *" on the affected channel.

Motion Detector Output Changes

The motion detector output doubles as a transducer fault output. When a fault occurs on any of the channels the output will not energize. To make the output function as a transducer fault output only, program the motion detector form 000 to 999. The motion detector output will remain on until there is a transducer fault on any of the channels or the speed of transducer A exceeds 999 RPM.

Model Number and Checksum

A controller with this option displays the following model number and checksum:

Model #: IPLC4-40-1
Checksum: 6354

Catalog Number C440-395M