SECTION 8

Siemens
WHEN USING 2015 POWER SUPPLY, AUGER AND AIR OIL RECEIVE POWER FROM J4 OF 2015. FADAL 2010-1B POWER SUPPLY MAY BE 2015 BOARD MOUNTED ON 2010 BOARD.
TOOL INSERTER INTERLOCK MUST BE JUMPERED IF MACHINE IS NOT 50 TAPER.
SEE WRG-0047 FOR WIRING OF TOOL INSERTER INTERLOCK.

DRAWBAR SSR MUST BE REPLACED BY JUMPER FOR DUAL ARM TOOL CHANGER.

SET TO:
- 1.9A 40 TAPER
- 1.6A HMC
- 3.5A 50 TAPER

SET TO:
- 1.1A 40 TAPER
- 1.6A HMC
- 3.5A 50 TAPER

OTHER OPTIONS
Wir_0019C_scale_cable_siemens

DB 25 CONNECTOR FEMALE

FOR X, Y, Z SCALE 8100 5M
HEIDENHAIN CABLE 310-131

PIN COLOR
3 BROWN 10 BLACK
4 GREEN 14 BLUE
6 GRAY 1 BROWN-GREEN
7 PINK 16 WHITE
17 RED 2 WHITE-GREEN

DB 15 CONNECTOR FEMALE

VH65 ROTARY TABLE SCALE/ X, Y, Z SCALE 840D 5M
HEIDENHAIN CABLE 310-131

PIN COLOR
3 BROWN 12 BLACK
4 GREEN 9 BLUE
6 GRAY 1 BROWN-GREEN
7 PINK 11 WHITE
10 RED 2 WHITE-GREEN

DB 15 CONNECTOR FEMALE

V300 ROTARY TABLE SCALE 7M
HEIDENHAIN CABLE 309 777 07

PIN COLOR
3 BROWN 12 BLACK
4 GREEN 9 BLUE
6 GRAY 1 BROWN-GREEN
7 PINK 11 WHITE
10 RED 2 WHITE-GREEN

NOTE: OUTER SHEILD CONNECTED TO CONNECTOR HOUSING FOR ALL CABLES
FOR THE PROBE OPTION
CONNECTOR X(12) IS
PRE-WIRED WITH 8451
WIRE: PIN 10-9V BLACK,
PIN 9-SIGNAL RED.

NOTE: SET SW1 TO AUTO START POSITION - #4
TO GAIN ACCESS TO SW2 REMOVE OMI
WINDOW AND LABEL.

SW1
SW2

RENISHAW OMI

24V POWER SUPPLY
L1 120VAC
N RET +24V
0 GND
+24V
0 GND
+24V
0 GND

RED BLACK
8451
FOR THE PROBE OPTION
CONNECTOR X121 IS
PRE-WIRED WITH 8451
WIRE. PIN 10-0V, BLACK,
PIN 9-SIGNAL RED.

SIEMENS 810D
TOOL INSERTER INTERLOCK MUST BE JUMPERED IF MACHINE IS NOT 50 TAPER.
SEE WRG-0047 FOR WIRING OF TOOL INSERTER INTERLOCK.

NOTE 1: REMOVE EXISTING WIRES FROM 1100-2 TB1 23 & 24, AND SPLICE TO 1330-0 J7 1 & 2.
DISCONNECT EXISTING DRAWBAR CABLE IN SPINDLE MOTOR BOX.
INSTALL NEW DRAWBAR CABLE TO 1330-0 J2.

DRAWBAR SSR MUST BE REPLACED BY JUMPER FOR DUAL ARM TOOL CHANGER.
VMC MAY HAVE EITHER 2000-1 BOARD OR 1310-0.
IF NEITHER IS PRESENT JUMPER J6-7 TO J6-8 ON 1330-0.
NOTE: 1. X-X AXIS FEEDBACK
   Y-Y AXIS FEEDBACK
   Z-Z AXIS FEEDBACK
   S-SPINDLE FEEDBACK
   X-X AXIS SCALE
   Y-Y AXIS SCALE
   Z-Z AXIS SCALE
   A-A AXIS FEEDBACK
   B-B AXIS FEEDBACK
   B'-B' AXIS SCALE
   2. FOR V900 ROTARY TABLE USE ELE-1240 CONTROL MODULE